

piątek, 15 lutego 2019

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## Equities

### Communication Service

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
58.COM INC-ADR (58.COM)	USA-NYSE	US31680Q1040	WUBA:US
ACTIVISION BLIZZARD INC (ACTIVISION)	USA-NASDAQ	US00507V1098	ATVI:US
ALPHABET INC-CL A (ALPHABET INC)	USA-NASDAQ	US02079K3059	GOOGL:US
ALTICE USA INC- A (ALTICE USA)	USA-NYSE	US02156K1034	ATUS:US
AMC ENTERTAINMENT HLDS-CL A (AMCENERTAIN)	USA-NYSE	US00165C1045	AMC:US
AMC NETWORKS INC-A (AMC NETWORKS)	USA-NASDAQ	US00164V1035	AMCX:US
AMERICA MOVIL-SPN ADR CL L (AMERICAMOVIL)	USA-NYSE	US02364W1053	AMX:US
ANGI HOMESERVICES INC- A (ANGI HOMESER)	USA-NASDAQ	US00183L1026	ANGI:US
AT&T INC (AT&T INC)	USA-NYSE	US00206R1023	T:US
AUTOHOME INC-ADR (AUTOHOME INC)	USA-NYSE	US05278C1071	ATHM:US
AXEL SPRINGER SE (AXELSPRINGER)	DEU-XETRA	DE0005501357	SPR:GR
BAIDU INC - SPON ADR (BAIDU INC-SP)	USA-NASDAQ	US0567521085	BIDU:US
BILIBILI INC-SPONSORED ADR (BILIBILI INC)	USA-NASDAQ	US0900401060	BILI:US
BITAUTO HOLDINGS LTD-ADR (BITAUTO HLDG)	USA-NYSE	US0917271076	BITA:US
BOINGO WIRELESS INC (BOINGO WIREL)	USA-NASDAQ	US09739C1027	WIFI:US
BORUSSIA DORTMUND GMBH & CO (BORUSSIA DOR)	DEU-XETRA	DE0005493092	BVB:GR
BT GROUP PLC (BT GROUP PLC)	GBR-LSE	GB0030913577	BT/A:LN
BT GROUP PLC-SPON ADR (BT GROUP-SPO)	USA-NYSE	US05577E1010	BT:US
CABLE ONE INC (CABLE ONE IN)	USA-NYSE	US12685J1051	CABO:US
CARGURUS INC (CARGURUS INC)	USA-NASDAQ	US1417881091	CARG:US
CARS.COM INC (CARS.COM INC)	USA-NYSE	US14575E1055	CARS:US
CBS CORP-CLASS B NON VOTING (CBS CORP-B)	USA-NYSE	US1248572026	CBS:US
CENTURYLINK INC (CENTURYLINK )	USA-NYSE	US1567001060	CTL:US
CHARTER COMMUNICATIONS INC-A (CHARTER COMM)	USA-NASDAQ	US16119P1084	CHTR:US
CHINA MOBILE LTD-SPON ADR (CHINA MOBILE)	USA-NYSE	US16941M1099	CHL:US
CINEMARK HOLDINGS INC (CINEMARK HOL)	USA-NYSE	US17243V1026	CNK:US
CINEWORLD GROUP PLC (CINEWORLD)	GBR-LSE	GB00B15FWH70	CINE:LN
COGENT COMMUNICATIONS HOLDIN (COGENT COMMU)	USA-NASDAQ	US19239V3024	CCOI:US
COMCAST CORP-CLASS A (COMCAST CORP)	USA-NASDAQ	US20030N1019	CMCSA:US
COMSCORE INC (COMSCORE INC)	USA-NASDAQ	US20564W1053	SCOR:US
CONSTANTIN MEDIEN AG (CONSTANTIN )	DEU-XETRA	DE0009147207	EV4:GR
CRITEO SA-SPON ADR (CRITEO SA)	USA-NASDAQ	US2267181046	CRTO:US
CTS EVENTIM AG & CO KGAA (CTS EVENTIM )	DEU-XETRA	DE0005470306	EVD:GR
DEUTSCHE TELECOM AG-W/I (DEUT TELEKOM)	DEU-XETRA	DE0005557508	DTE:GR
DISCOVERY INC - A (DISCOVERY CO)	USA-NASDAQ	US25470F1049	DISCA:US
DISH NETWORK CORP-A (DISH NETWORK)	USA-NASDAQ	US25470M1099	DISH:US
ELECTRONIC ARTS INC (EA)	USA-NASDAQ	US2855121099	EA:US
ENTERCOM COMMUNICATIONS-CL A (ENTERCOM COM)	USA-NYSE	US2936391000	ETM:US
EROS INTERNATIONAL PLC (EROS INTL)	USA-NYSE	IM00B86NL059	EROS:US
FACEBOOK INC-CLASS A (FACEBOOK INC)	USA-NASDAQ	US30303M1027	FB:US
FRONTIER COMMUNICATIONS CORP (FRONTIER COM)	USA-NASDAQ	US35906A3068	FTR:US
GCI LIBERTY INC - CLASS A (GCI LIBERTY )	USA-NASDAQ	US36164V3050	GLIBA:US
GLU MOBILE INC (GLU MOBILE)	USA-NASDAQ	US3798901068	GLUU:US
GOGO INC (GOGO INC)	USA-NASDAQ	US38046C1099	GOGO:US
GRAY TELEVISION INC (GRAY TV)	USA-NYSE	US3893751061	GTN:US
GRUPO TELEvisa SA-SPON ADR (GRUPO TELEV)	USA-NYSE	US40049J2069	TV:US
HIGHLIGHT COMMUNICATIONS-BR (HIGHLIGHT CO)	DEU-XETRA	CH0006539198	HLG:GR
HUYA INC-ADR (HUYA INC)	USA-NYSE	US44852D1081	HUYA:US
IAC/INTERACTIVECORP (IAC/INTERACT)	USA-NASDAQ	US44919P5089	IAC:US
IMAX CORP (IMAX CORP)	USA-NYSE	CA45245E1097	IMAX:US
INFORMA PLC (INFORMA PLC)	GBR-LSE	GB00BMJ6DW54	INF:LN
INTELSAT SA (INTELSAT SA)	USA-NYSE	LU0914713705	I:US
INTERPUBLIC GROUP OF COS INC (INTERPUBLIC )	USA-NYSE	US4606901001	IPG:US
IQIYI INC-ADR (IQIYI INC)	USA-NASDAQ	US46267X1081	IQ:US
IRIDIUM COMMUNICATIONS INC (IRIDIUM COMM)	USA-NASDAQ	US46269C1027	IRDM:US
ITV PLC (ITV PLC)	GBR-LSE	GB0033986497	ITV:LN
KT CORP-SP ADR (KT CORP)	USA-NYSE	US48268K1016	KT:US
LIBERTY BROADBAND-A (LIBERTY BR-A)	USA-NASDAQ	US5303071071	LBRDA:US
LIBERTY GLOBAL PLC-A (LIBERTY GLOB)	USA-NASDAQ	GB00B8W67662	LBTYA:US
LIBERTY MEDIA CORP-LIBERTY-A (LIBERTY MEDI)	USA-NASDAQ	US5312298707	FWONA:US
LIBERTY TRIPADVISOR HDG-A (LIBERTY TRP)	USA-NASDAQ	US5314651028	LTRPA:US
LIONS GATE ENTERTAINMENT-A (LIONS GATE)	USA-NYSE	CA5359194019	LGF/A:US
LIVE NATION ENTERTAINMENT IN (LIVE NATION )	USA-NYSE	US5380341090	LYV:US
MADISON SQUARE GARDEN CO- A (MADISON SQUA)	USA-NYSE	US55825T1034	MSG:US
MANCHESTER UNITED PLC-CL A (MANCHESTER )	USA-NYSE	YG5784H1065	MANU:US
MATCH GROUP INC (MATCH GROUP )	USA-NASDAQ	US57665R1068	MTCH:US
MEREDITH CORP (MEREDITH COR)	USA-NYSE	US5894331017	MDP:US
MOBILE TELESYSTEMS-SP ADR (MOBILE TELES)	USA-NYSE	US6074091090	MBT:US

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
MOMO INC-SPON ADR (MOMO INC)	USA-NASDAQ	US60879B1070	MOMO:US
MSG NETWORKS INC- A (MSG NETWORKS)	USA-NYSE	US5535731062	MSGN:US
NASPERS LTD-N SHS (NASPERS LTD)	DEU-XETRA	ZAE000015889	NNW:GR
NETEASE INC-ADR (NETEASE INC)	USA-NASDAQ	US64110W1027	NTES:US
NETFLIX INC (NETFLIX INC)	USA-NASDAQ	US64110L1061	NFLX:US
NEW YORK TIMES CO-A (NY TIMES)	USA-NYSE	US65011111073	NYT:US
NEWS CORP - CLASS A (NEWS CORP-A)	USA-NASDAQ	US65249B1098	NWSA:US
NEXSTAR MEDIA GROUP INC-CL A (NEXSTARBROAD)	USA-NASDAQ	US65336K1034	NXST:US
NII HOLDINGS INC (NII HOLDINGS)	USA-NASDAQ	US62913F5089	NIHD:US
NINTENDO CO LTD-UNSPONS ADR (NINTENDO CO)	USA-NASDAQ	US6544453037	NTDOY:US
NIPPON TELEGRAPH & TELE-ADR (NTT)	USA-NYSE	US6546241059	NTT:US
OMNICOM GROUP (OMNICOM GRP)	USA-NYSE	US6819191064	OMC:US
ORANGE (ORANGE SA)	DEU-XETRA	FR0000133308	FTE:GR
ORBCOMM INC (ORBCOMM INC)	USA-NASDAQ	US68555P1003	ORBC:US
PANDORA MEDIA LLC (PANDORA)	USA-NYSE	US6983541078	P:US
PEARSON PLC (PEARSON PLC)	GBR-LSE	GB0006776081	PERSON:LN
PROSIEBENSAT.1 MEDIA SE (PROSIEBENSAT)	DEU-XETRA	DE000PSM7770	PSM:GR
QSC AG (QSC AG)	DEU-XETRA	DE0005137004	QSC:GR
QUINSTREET INC (QUINSTREET)	USA-NASDAQ	US74874Q1004	QNST:US
RTL GROUP (RTL GROUP)	DEU-XETRA	LU0061462528	RRTL:GR
SCOUT24 AG (SCOUT24 AG)	DEU-XETRA	DE000A12DM80	G24:GR
SINA CORP (SINA CORP)	USA-NASDAQ	KYG814771047	SINA:US
SINCLAIR BROADCAST GROUP -A (SINCLAIR BRO)	USA-NASDAQ	US8292261091	SBGI:US
SIRIUS XM HOLDINGS INC (SIRIUS XM)	USA-NASDAQ	US82968B1035	SIRI:US
SK TELECOM CO LTD-SPON ADR (SK TELECOM-SPN)	USA-NYSE	US78440P1084	SKM:US
SNAP INC - A (SNAPCHAT)	USA-NYSE	US83304A1060	SNAP:US
SOFTBANK GROUP CORP (SOFTBANK GRP)	DEU-XETRA	JP3436100006	SFT:GR
SOHU.COM LTD-ADR (SOHU.COM LTD)	USA-NASDAQ	US83410S1087	SOHU:US
SPOTIFY TECHNOLOGY SA (SPOTIFY)	USA-NYSE	LU1778762911	SPOT:US
STROEER SE & CO KGAA (STROEER SE)	DEU-XETRA	DE0007493991	SAX:GR
TAKE-TWO INTERACTIVE SOFTWARE (TAKE-TWO INT)	USA-NASDAQ	US8740541094	TTWO:US
TECHNICOLOR - REGR (TECHNICOLOR )	DEU-XETRA	FR0010918292	TNM1:GR
TECHTARGET (TECHTARGET)	USA-NASDAQ	US87874R1005	TTGT:US
TEGNA INC (TEGNA INC)	USA-NYSE	US87901J1051	TGNA:US
TELE COLUMBUS AG (TELECOLUMBUS)	DEU-XETRA	DE000TCAG172	TC1:GR
TELEFONICA BRASIL-ADR PREF (TELEFONICA B)	USA-NYSE	US87936R1068	VIV:US
TELEFONICA SA (TELEFONICA )	DEU-XETRA	ES0178430E18	TNES:GR
TELEFONICA SA-SPON ADR (TELEFONICA)	USA-NYSE	US8793822086	TEF:US
TELEKOMUNIK INDONESIA-SP ADR (TELEKOMUNIKA)	USA-NYSE	US7156841063	TLK:US
TELIA CO AB (TELIA CO AB)	DEU-XETRA	SE0000667925	TLS:GR
TENCENT HOLDINGS LTD-UNS ADR (TENCENT)	USA-NASDAQ	US88032Q1094	TCEHY:US
TENCENT MUSIC ENTERTAINM-ADR (TENCENTMUSIC)	USA-NYSE	US88034P1093	TME:US
T-MOBILE US INC (T-MOBILE US )	USA-NASDAQ	US8725901040	TMUS:US
TRAVELZOO (TRAVELZOO)	USA-NASDAQ	US89421Q2057	TZOO:US
TRIPADVISOR INC (TRIPADVISOR )	USA-NASDAQ	US8969452015	TRIP:US
TRUECAR INC (TRUECAR INC)	USA-NASDAQ	US89785L1070	TRUE:US
TWENTY-FIRST CENTURY FOX-A (TWENTY-FIRST)	USA-NASDAQ	US90130A1016	FOXA:US
TWITTER INC (TWITTER INC)	USA-NYSE	US90184L1026	TWTR:US
UBISOFT ENTERTAINMENT (UBISOFT)	DEU-XETRA	FR0000054470	UEN:GR
UNITED INTERNET AG-REG SHARE (UNITED INTER)	DEU-XETRA	DE0005089031	UTDI:GR
VERIZON COMMUNICATIONS INC (VERIZON)	USA-NYSE	US92343V1044	VZ:US
VIACOM INC-CLASS B (VIACOM INC-B)	USA-NASDAQ	US92553P2011	VIAB:US
VIVENDI (VIVENDI SA)	DEU-XETRA	FR0000127771	VVU:GR
VODAFONE GROUP PLC (VODAFONE)	GBR-LSE	GB00BH4HKS39	VOD:LN
VODAFONE GROUP PLC-SP ADR (VODAFONE GRP)	USA-NASDAQ	US92857W3088	VOD:US
VONAGE HOLDINGS CORP (VONAGE)	USA-NYSE	US92886T2015	VG:US
WALT DISNEY CO/THE (WALT DISNEY )	USA-NYSE	US2546871060	DIS:US
WEIBO CORP-SPON ADR (WEIBO CORP)	USA-NASDAQ	US9485961018	WB:US
WORLD WRESTLING ENTERTAIN-A (WORLD WRESTL)	USA-NYSE	US98156Q1085	WWE:US
WPP PLC (WPP PLC)	GBR-LSE	JE00B8KF9B49	WPP:LN
WPP PLC-SPONSORED ADR (WPP PLC)	USA-NASDAQ	US92937A1025	WPPGY:US
YANDEX NV-A (YANDEX NV-A)	USA-NASDAQ	NL0009805522	YNDX:US
YY INC-ADR (YY INC)	USA-NASDAQ	US98426T1060	YY:US
ZILLOW GROUP INC - A (ZILLOW GROUP)	USA-NASDAQ	US98954M1018	ZG:US
ZYNGA INC - CL A (ZYNGA INC-A)	USA-NASDAQ	US98986T1088	ZNGA:US

## Consumer Discretionary

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
AARON'S INC (AARON'S INC)	USA-NYSE	US0025353006	AAN:US
ABERCROMBIE & FITCH CO-CL A (ABERCROMBIE )	USA-NYSE	US0028962076	ANF:US
ACORN INTERNATIONAL INC-ADR (ACORN INTL)	USA-NYSE	US0048542049	ATV:US

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ADIDAS AG (ADIDAS AG)	DEU-XETRA	DE000A1EWWW0	ADS:GR
ADIANT PLC (ADIANT PLC)	USA-NYSE	IE00BD845X29	ADNT:US
ADTALEM GLOBAL EDUCATION INC (ADTALEM GLOB)	USA-NYSE	US00737L1035	ATGE:US
ADVANCE AUTO PARTS INC (ADVANCE AUTO)	USA-NYSE	US00751Y1064	AAP:US
ALIBABA GROUP HOLDING-SP ADR (ALIBABA GRP)	USA-NYSE	US01609W1027	BABA:US
ALTABA INC (ALTABA INC)	USA-NASDAQ	US0213461017	AABA:US
AMAZON.COM INC (AMAZON.COM )	USA-NASDAQ	US0231351067	AMZN:US
AMERICAN AXLE & MFG HOLDINGS (AMER AXLE)	USA-NYSE	US0240611030	AXL:US
AMERICAN EAGLE OUTFITTERS (AMER EAGLE)	USA-NYSE	US02553E1064	AEO:US
AMERICAN OUTDOOR BRANDS CORP (AMERICAN OUT)	USA-NASDAQ	US02874P1030	AOBC:US
ARAMARK (ARAMARK)	USA-NYSE	US03852U1060	ARMK:US
ASBURY AUTOMOTIVE GROUP (ASBURY AUTO )	USA-NYSE	US0434361046	ABG:US
ASCENA RETAIL GROUP INC (ASCENARETAIL)	USA-NASDAQ	US04351G1013	ASNA:US
ASTON MARTIN LAGONDA GLOBAL (ASTON MARTIN)	GBR-LSE	GB00BFXC448	AML:LN
AT HOME GROUP INC (AT HOME GRP)	USA-NYSE	US04650Y1001	HOME:US
AUTOLIV INC (AUTOLIV INC)	USA-NYSE	US0528001094	ALV:US
AUTONATION INC (AUTONATION )	USA-NYSE	US05329W1027	AN:US
AUTOZONE INC (AUTOZONE INC)	USA-NYSE	US0533321024	AZO:US
BAOZUN INC-SPN ADR (BAOZUN INC)	USA-NASDAQ	US06684L1035	BZUN:US
BARRATT DEVELOPMENTS PLC (BARRATT DEV)	GBR-LSE	GB0000811801	BDEV:LN
BAYERISCHE MOTOREN WERKE AG (BMW)	DEU-XETRA	DE0005190003	BMW:GR
BED BATH & BEYOND INC (BEDBATHBEYON)	USA-NASDAQ	US0758961009	BBY:US
BELMOND LTD-CLASS A (BELMOND LTD)	USA-NYSE	BMG1154H1079	BEL:US
BERKELEY GROUP HOLDINGS/THE (BERKELEY GRP)	GBR-LSE	GB00B02L3W35	BKG:LN
BEST BUY CO INC (BEST BUY CO )	USA-NYSE	US0865161014	BBY:US
BIG LOTS INC (BIG LOTS INC)	USA-NYSE	US0893021032	BIG:US
BJ'S RESTAURANTS INC (BJ'S RESTAUR)	USA-NASDAQ	US09180C1062	BJRI:US
BLOOMIN' BRANDS INC (BLOOMIN' BRA)	USA-NASDAQ	US0942351083	BLMN:US
BLUE APRON HOLDINGS INC-A (BLUE APRON )	USA-NYSE	US09523Q1013	APRN:US
BOOKING HOLDINGS INC (BOOKING)	USA-NASDAQ	US09857L1089	BKNG:US
BOOT BARN HOLDINGS INC (BOOT BARN)	USA-NYSE	US0994061002	BOOT:US
BORGWARNER INC (BORGWARNER)	USA-NYSE	US0997241064	BWA:US
BOYD GAMING CORP (BOYD GAMING )	USA-NYSE	US1033041013	BYD:US
BRIGHT HORIZONS FAMILY SOLUT (BRIGHT HORIZ)	USA-NYSE	US1091941005	BFAM:US
BRINKER INTERNATIONAL INC (BRINKER INTL)	USA-NYSE	US1096411004	EAT:US
BRUNSWICK CORP (BRUNSWICK)	USA-NYSE	US1170431092	BC:US
BUCKLE INC/THE (THE BUCKLE)	USA-NYSE	US1184401065	BKE:US
BURBERRY GROUP PLC (BURBERRY GRP)	GBR-LSE	GB0031743007	BRBY:LN
BURLINGTON STORES INC (BURLINGTON S)	USA-NYSE	US1220171060	BURL:US
CAESARS ENTERTAINMENT CORP (CAESARS ENT)	USA-NASDAQ	US1276861036	CZR:US
CALERES INC (CALERES INC)	USA-NYSE	US1295001044	CAL:US
CALLAWAY GOLF COMPANY (CALLAWAYGOLF)	USA-NYSE	US1311931042	ELY:US
CAMPING WORLD HOLDINGS INC-A (CAMPINGWORLD)	USA-NYSE	US13462K1097	CWH:US
CARMAX INC (CARMAX INC)	USA-NYSE	US1431301027	KMX:US
CARNIVAL CORP (CARNIVAL)	USA-NYSE	PA1436583006	CCL:US
CARNIVAL PLC (CARNIVAL PLC)	GBR-LSE	GB0031215220	CCL:LN
CARNIVAL PLC-ADR (CARNIVAL PLC)	USA-NYSE	US14365C1036	CUK:US
CARTER'S INC (CARTER'S INC)	USA-NYSE	US1462291097	CRI:US
CARVANA CO (CARVANA CO )	USA-NYSE	US1468691027	CVNA:US
CAVCO INDUSTRIES INC (CAVCO INDUST)	USA-NASDAQ	US1495681074	CVCO:US
CHEESECAKE FACTORY INC/THE (CHEESECAKE)	USA-NASDAQ	US1630721017	CAKE:US
CHEGG INC (CHEGG INC)	USA-NYSE	US1630921096	CHEGG:US
CHICO'S FAS INC (CHICO'S FAS )	USA-NYSE	US1686151028	CHS:US
CHILDREN'S PLACE INC/THE (CHILDRENPLAC)	USA-NASDAQ	US1689051076	PLCE:US
CHIPOTLE MEXICAN GRILL INC (CHIPOTLE MEX)	USA-NYSE	US1696561059	CMG:US
CHOICE HOTELS INTL INC (CHOICE HOTEL)	USA-NYSE	US1699051066	CHH:US
CHURCHILL DOWNS INC (CHURCHILL DO)	USA-NASDAQ	US1714841087	CHDN:US
COLUMBIA SPORTSWEAR CO (COLUMBIA SPO)	USA-NASDAQ	US1985161066	COLM:US
CONN'S INC (CONN'S INC)	USA-NASDAQ	US2082421072	CONN:US
CONTINENTAL AG (CONTINENTAL )	DEU-XETRA	DE0005439004	CON:GR
COOPER TIRE & RUBBER (COOPER TIRE )	USA-NYSE	US2168311072	CTB:US
COOPER-STANDARD HOLDING (COOPER-STAND)	USA-NYSE	US21676P1030	CPS:US
CORE-MARK HOLDING CO INC (CORE-MARK)	USA-NASDAQ	US2186811046	CORE:US
CRACKER BARREL OLD COUNTRY (CRACKER BARR)	USA-NASDAQ	US22410J1060	CBRL:US
CROCS INC (CROCS INC)	USA-NASDAQ	US2270461096	CROX:US
CTRP.COM INTERNATIONAL-ADR (CTRP.COM)	USA-NASDAQ	US22943F1003	CTRP:US
DAIMLER AG-REGISTERED SHARES (DAIMLER AG)	DEU-XETRA	DE0007100000	DAI:GR
DANA INC (DANA INC)	USA-NYSE	US2358252052	DAN:US
DARDEN RESTAURANTS INC (DARDEN RESTA)	USA-NYSE	US2371941053	DRI:US
DAVE & BUSTER'S ENTERTAINMEN (DAVE&BUSTER)	USA-NASDAQ	US2383371091	PLAY:US
DECKERS OUTDOOR CORP (DECKERS OUTD)	USA-NYSE	US2435371073	DECK:US
DELIVERY HERO SE (DELIVERYHERO)	DEU-XETRA	DE000A2E4K43	DLHER:GR
DELPHI TECHNOLOGIES PLC (DELPHI TECHN)	USA-NYSE	JE00BD855C56	DLPH:US
DICK'S SPORTING GOODS INC (DICK'S SPORT)	USA-NYSE	US2533931026	DKS:US
DILLARDS INC-CL A (DILLARDS INC)	USA-NYSE	US2540671011	DDS:US

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
DINE BRANDS GLOBAL INC (DINE BRANDS )	USA-NYSE	US2544231069	DIN:US
DIXONS CARPHONE PLC (DIXONS CARPH)	GBR-LSE	GB00B4Y7R145	DC:/LN
DOLLAR GENERAL CORP (DOLLAR GENER)	USA-NYSE	US2566771059	DG:US
DOLLAR TREE INC (DOLLAR TREE )	USA-NASDAQ	US2567461080	DLTR:US
DOMINO'S PIZZA INC (DOMINO'S PIZ)	USA-NYSE	US25754A2015	DPZ:US
DORMAN PRODUCTS INC (DORMAN PRODU)	USA-NASDAQ	US2582781009	DORM:US
DR HORTON INC (DR HORTON)	USA-NYSE	US23331A1097	DHI:US
DSW INC-CLASS A (DSW INC)	USA-NYSE	US23334L1026	DSW:US
DUNKIN' BRANDS GROUP INC (DUNKINBRANDS)	USA-NASDAQ	US2655041000	DNKN:US
EBAY INC (EBAY INC)	USA-NASDAQ	US2786421030	EBAY:US
ELDORADO RESORTS INC (ELDORADO RES)	USA-NASDAQ	US28470R1023	ERI:US
ELRINGKLINGER AG (ELRINGKLINGE)	DEU-XETRA	DE0007856023	ZIL2:GR
ETHAN ALLEN INTERIORS INC (ETHAN ALLEN )	USA-NYSE	US2976021046	ETH:US
ETSY INC (ETSY INC)	USA-NASDAQ	US29786A1060	ETSY:US
EXPEDIA GROUP INC (EXPEDIA INC)	USA-NASDAQ	US30212P3038	EXPE:US
EXPRESS INC (EXPRESS INC)	USA-NYSE	US30219E1038	EXPR:US
FARFETCH LTD-CLASS A (FARFETCH)	USA-NYSE	KY30744W1070	FTCH:US
FERRARI NV (FERRARI NV)	USA-NYSE	NL0011585146	RACE:US
FIAT CHRYSLER AUTOMOBILES NV (FIAT AUTO)	USA-NYSE	NL0010877643	FCAU:US
FIELMANN AG (FIELMANN AG)	DEU-XETRA	DE0005772206	FIE:GR
FIVE BELOW (FIVE BELOW)	USA-NASDAQ	US33829M1018	FIVE:US
FLOOR & DECOR HOLDINGS INC-A (FLOOR&DECOR)	USA-NYSE	US3397501012	FND:US
FOOT LOCKER INC (FOOT LOCKER )	USA-NYSE	US3448491049	FL:US
FORD MOTOR CO (FORD)	USA-NYSE	US3453708600	F:US
FOSSIL GROUP INC (FOSSIL GROUP)	USA-NASDAQ	US34988V1061	FOSL:US
FOX FACTORY HOLDING CORP (FOX FACTORY )	USA-NASDAQ	US35138V1026	FOXF:US
FRANCESCAS HOLDINGS CORP (FRANCESCAS)	USA-NASDAQ	US3517931040	FRAN:US
FUNKO INC-CLASS A (FUNKO)	USA-NASDAQ	US3610081057	FNKO:US
GAMESTOP CORP-CLASS A (GAMESTOP)	USA-NYSE	US36467W1099	GME:US
GAP INC/THE (GAP )	USA-NYSE	US3647601083	GPS:US
GARMIN LTD (GARMIN LTD)	USA-NASDAQ	CH0114405324	GRMN:US
GARRETT MOTION INC (GARRETT MOTI)	USA-NYSE	US3665051054	GTX:US
GENERAL MOTORS CO (GENERALMOTOR)	USA-NYSE	US37045V1008	GM:US
GENESCO INC (GENESCO INC)	USA-NYSE	US3715321028	GCO:US
GENTEX CORP (GENTEX CORP)	USA-NASDAQ	US3719011096	GNTX:US
GENTHERM INC (GENTHERM INC)	USA-NASDAQ	US37253A1034	THRM:US
GENUINE PARTS CO (GENUINEPARTS)	USA-NYSE	US3724601055	GPC:US
GERRY WEBER INTL AG (GERRY WEBER )	DEU-XETRA	DE0003304101	GW11:GR
G-III APPAREL GROUP LTD (GIII APPAREL)	USA-NASDAQ	US36237H1014	GIII:US
GNC HOLDINGS INC-CL A (GNC HOLDING)	USA-NYSE	US36191G1076	GNC:US
GOLDEN ENTERTAINMENT INC (GOLDEN ENTER)	USA-NASDAQ	US3810131017	GDEN:US
GOODYEAR TIRE & RUBBER CO (GOODYEAR)	USA-NASDAQ	US3825501014	GT:US
GOPRO INC-CLASS A (GOPRO INC-A)	USA-NASDAQ	US38268T1034	GPRO:US
GRAMMER AG (GRAMMER AG)	DEU-XETRA	DE0005895403	GMM:GR
GRAND CANYON EDUCATION INC (GRAND CANYON)	USA-NASDAQ	US38526M1062	LOPE:US
GROUP 1 AUTOMOTIVE INC (GROUP 1 AUTO)	USA-NYSE	US3989051095	GPI:US
GROUPON INC (GROUPON INC)	USA-NASDAQ	US3994731079	GRPN:US
GRUBHUB INC (GRUBHUB INC)	USA-NYSE	US4001101025	GRUB:US
GUESS? INC (GUESS INC)	USA-NYSE	US4016171054	GES:US
H&R BLOCK INC (H&R BLOCK)	USA-NYSE	US0936711052	HRB:US
HANESBRANDS INC (HANESBRANDS )	USA-NYSE	US4103451021	HBI:US
HARLEY-DAVIDSON INC (HARLEY-DAVID)	USA-NYSE	US4128221086	HOG:US
HASBRO INC (HASBRO INC)	USA-NASDAQ	US4180561072	HAS:US
HELEN OF TROY LTD (HELEN OF TRO)	USA-NASDAQ	BMG4388N1065	HELE:US
HELLA GMBH & CO KGAA (HELLA KGAA)	DEU-XETRA	DE000A13SX22	HLE:GR
HELLOFRESH SE (HELLOFRESH )	DEU-XETRA	DE000A161408	HFG:GR
HENNES & MAURITZ AB-B SHS (H&M)	DEU-XETRA	SE0000106270	HMSB:GR
HIBBETT SPORTS INC (HIBBETTSPORT)	USA-NASDAQ	US4285671016	HIBB:US
HILTON GRAND VACATIONS INC (HILTON GRAND)	USA-NYSE	US43283X1054	HGV:US
HILTON WORLDWIDE HOLDINGS IN (HILTON WORLD)	USA-NYSE	US43300A2033	HLT:US
HOME DEPOT INC (HOME DEPOT )	USA-NYSE	US4370761029	HD:US
HONDA MOTOR CO LTD-SPONS ADR (HONDA MOTOR)	USA-NYSE	US4381283088	HMC:US
HORNBACK HOLDING AG & CO KGA (HORNBACK HOL)	DEU-XETRA	DE0006083405	HBH:GR
HOUGHTON MIFFLIN HARCOURT CO (HOUGHTON MIF)	USA-NASDAQ	US44157R1095	HMHC:US
HUAZHU GROUP LTD-ADR (HUAZHU GROUP)	USA-NASDAQ	US44332N1063	HTHT:US
HUGO BOSS AG -ORD (HUGO BOSS)	DEU-XETRA	DE000A1PHFF7	BOSS:GR
HYATT HOTELS CORP - CL A (HYATT HOTELS)	USA-NYSE	US4485791028	H:US
INTERNATIONAL GAME TECHNOLOG (INT GAMETECH)	USA-NYSE	GB00BVG7F061	IGT:US
IROBOT CORP (IROBOT CORP)	USA-NASDAQ	US4627261005	IRBT:US
J.C. PENNEY CO INC (JC PENNEY )	USA-NYSE	US7081601061	JCP:US
JACK IN THE BOX INC (JACK IN BOX )	USA-NASDAQ	US4663671091	JACK:US
JD.COM INC-ADR (JD.COM INC)	USA-NASDAQ	US47215P1066	JD:US
JUMEI INTERNATIONAL-ADR (JUMEI INTL)	USA-NYSE	US48138L1070	JMEI:US
KANDI TECHNOLOGIES GROUP INC (KANDI TECHNO)	USA-NASDAQ	US4837091010	KNDI:US
KB HOME (KB HOME)	USA-NYSE	US48666K1097	KBH:US

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KINGFISHER PLC (KINGFISHER)	GBR-LSE	GB0033195214	KGF:LN
KOHL'S CORP (KOHL'S CORP)	USA-NYSE	US5002551043	KSS:US
L BRANDS INC (L BRANDS INC)	USA-NYSE	US5017971046	LB:US
LAKELAND INDUSTRIES INC (LAKELAND IND)	USA-NASDAQ	US5117951062	LAKE:US
LAS VEGAS SANDS CORP (LAS VEGAS SA)	USA-NYSE	US5178341070	LVS:US
LAUREATE EDUCATION INC-A (LAUREATE EDU)	USA-NASDAQ	US5186132032	LAUR:US
LA-Z-BOY INC (LA-Z-BOY INC)	USA-NYSE	US5053361078	LZB:US
LCI INDUSTRIES (LCI INDUSTRI)	USA-NYSE	US50189K1034	LCII:US
LEAR CORP (LEAR CORP)	USA-NYSE	US5218652049	LEA:US
LEGGETT & PLATT INC (LEGGETTPLATT)	USA-NYSE	US5246601075	LEG:US
LENNAR CORP-A (LENNAR CORP)	USA-NYSE	US5260571048	LEN:US
LEONI AG (LEONI AG)	DEU-XETRA	DE0005408884	LEO:GR
LGI HOMES INC (LGI HOMES)	USA-NASDAQ	US50187T1060	LGIH:US
LIBBEY INC (LIBBEY INC)	USA-NYSE	US5298981086	LBY:US
LIBERTY EXPEDIA HOLD-A (LIBERTY EXPE)	USA-NASDAQ	US53046P1093	LEXEA:US
LITHIA MOTORS INC-CL A (LITHIA MOTOR)	USA-NYSE	US5367971034	LAD:US
LKQ CORP (LKQ CORP)	USA-NASDAQ	US5018892084	LKQ:US
LOWE'S COS INC (LOWE'S COS )	USA-NYSE	US5486611073	LOW:US
LULULEMON ATHLETICA INC (LULULEMON)	USA-NASDAQ	US5500211090	LULU:US
LUMBER LIQUIDATORS HOLDINGS (LUMBER LIQ)	USA-NYSE	US55003T1079	LL:US
LVMH MOET HENNESSY LOUIS VUI (LVMH)	DEU-XETRA	FR0000121014	MOH:GR
MACY'S INC (MACY'S INC)	USA-NYSE	US55616P1049	M:US
MAGNA INTERNATIONAL INC (MAGNA INTL)	USA-NYSE	CA5592224011	MGA:US
MAKEMYTRIP LTD (MAKEMYTRIP)	USA-NASDAQ	MU0295500016	MMYT:US
MARKS & SPENCER GROUP PLC (MARKSSPENCER)	GBR-LSE	GB0031274896	MKS:LN
MARRIOTT INTERNATIONAL -CL A (MARRIOTT)	USA-NASDAQ	US5719032022	MAR:US
MARRIOTT VACATIONS WORLD (MARRIOTT VAC)	USA-NYSE	US57164Y1073	VAC:US
MATTEL INC (MATTEL INC)	USA-NASDAQ	US5770811025	MAT:US
MCDONALD'S CORP (MCDONALDS )	USA-NYSE	US5801351017	MCD:US
MDC HOLDINGS INC (MDC HOLDINGS)	USA-NYSE	US5526761086	MDC:US
MERCADOLIBRE INC (MERCADOLIBRE)	USA-NASDAQ	US58733R1023	MELI:US
MERITAGE HOMES CORP (MERITAGEHOME)	USA-NYSE	US59001A1025	MTH:US
MERLIN ENTERTAINMENT (MERLIN)	GBR-LSE	GB00BDZT6P94	MERL:LN
MGM RESORTS INTERNATIONAL (MGM RESORTS )	USA-NYSE	US5529531015	MGM:US
MICHAELS COS INC/THE (MICHAELS COS)	USA-NASDAQ	US59408Q1067	MIK:US
MOHAWK INDUSTRIES INC (MOHAWK INDS)	USA-NYSE	US6081901042	MHK:US
MONRO INC (MONRO INC)	USA-NASDAQ	US6102361010	MNRO:US
MOVADO GROUP INC (MOVADO GROUP)	USA-NYSE	US6245801062	MOV:US
MURPHY USA INC (MURPHY USA)	USA-NYSE	US6267551025	MUSA:US
NATIONAL VISION HOLDINGS INC (NATIONAL VIS)	USA-NASDAQ	US63845R1077	EYE:US
NEW ORIENTAL EDUCATIO-SP ADR (NEW ORIENTAL)	USA-NYSE	US6475811070	EDU:US
NEWELL BRANDS INC (NEWELL BRAND)	USA-NYSE	US6512291062	NWL:US
NEXT PLC (NEXT PLC)	GBR-LSE	GB0032089863	NXT:LN
NIKE INC -CL B (NIKE INC )	USA-NYSE	US6541061031	NKE:US
NIO INC - ADR (NIO INC)	USA-NYSE	US62914V1061	NIO:US
NISSAN MOTOR CO LTD-SPON ADR (NISSAN MOTOR)	USA-NASDAQ	US6547444082	NSANY:US
NOODLES & CO (NOODLES & CO)	USA-NASDAQ	US65540B1052	NDLS:US
NORDSTROM INC (NORDSTROM)	USA-NYSE	US6556641008	JWN:US
NORWEGIAN CRUISE LINE HOLDIN (NORWEGIAN CR)	USA-NASDAQ	BMG667211046	NCLH:US
NUTRISYSTEM INC (NUTRISYSTEM )	USA-NASDAQ	US67069D1081	NTRI:US
NVR INC (NVR INC)	USA-NYSE	US62944T1051	NVR:US
OCADO GROUP PLC (OCADO GROUP)	GBR-LSE	GB00B3MBS747	OCDO:LN
OFFICE DEPOT INC (OFFICE DEPOT)	USA-NASDAQ	US6762201068	ODP:US
OLLIE'S BARGAIN OUTLET HOLDI (OLLIE'S BARG)	USA-NASDAQ	US6811161099	OLLI:US
O'REILLY AUTOMOTIVE INC (O'REILLY AUT)	USA-NASDAQ	US67103H1077	ORLY:US
OVERSTOCK.COM INC (OVERSTOCKCOM)	USA-NASDAQ	US6903701018	OSTK:US
PADDY POWER BETFAIR PLC (PADDY POWER )	GBR-LSE	IE00BWT6H894	PPB:LN
PANASONIC CORP-SPON ADR (PANASONIC)	USA-NASDAQ	US69832A2050	PCRFY:US
PAPA JOHN'S INTL INC (PAPA JOHN'S )	USA-NASDAQ	US6988131024	PZZA:US
PARAGON AG (PARAGON AG)	DEU-XETRA	DE0005558696	PGN:GR
PARTY CITY HOLDCO INC (PARTY CITY)	USA-NYSE	US7021491052	PRTY:US
PENN NATIONAL GAMING INC (PENN NATL GA)	USA-NASDAQ	US7075691094	PENN:US
PENSKE AUTOMOTIVE GROUP INC (PENSKE AUTOM)	USA-NYSE	US70959W1036	PAG:US
PERSIMMON PLC (PERSIMMON)	GBR-LSE	GB0006825383	PSN:LN
PETMED EXPRESS INC (PETMEDEXPRES)	USA-NASDAQ	US7163821066	PETS:US
PEUGEOT SA (PEUGEOT SA)	DEU-XETRA	FR0000121501	PEU:GR
PINDUODUO INC-ADR (PINDUODUO)	USA-NASDAQ	US7223041028	PDD:US
POOL CORP (POOL CORP)	USA-NASDAQ	US73278L1052	POOL:US
PORSCHE AUTOMOBIL HLDG-PRF (PORSCH)	DEU-XETRA	DE000PAH0038	PAH3:GR
PULTEGROUP INC (PULTEGROUP )	USA-NYSE	US7458671010	PHM:US
PUMA SE (PUMA SE)	DEU-XETRA	DE0006969603	PUM:GR
PVH CORP (PVH CORP)	USA-NYSE	US6936561009	PVH:US
QURATE RETAIL INC (QURATERETA)	USA-NASDAQ	US74915M1009	QRTEA:US
RALPH LAUREN CORP (RALPH LAUREN)	USA-NYSE	US7512121010	RL:US
RED ROBIN GOURMET BURGERS (RED ROBIN GO)	USA-NASDAQ	US75689M1018	RRGB:US

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RED ROCK RESORTS INC-CLASS A (RED ROCK RES)	USA-NASDAQ	US75700L1089	RRR:US
REMARK HOLDINGS INC (REMARK HOLD)	USA-NASDAQ	US75955K1025	MARK:US
RENT-A-CENTER INC (RENTACENTER)	USA-NASDAQ	US76009N1000	RSII:US
RH (RH)	USA-NYSE	US74967X1037	RH:US
ROKU INC (ROKU INC)	USA-NASDAQ	US77543R1023	ROKU:US
ROSS STORES INC (ROSS STORES )	USA-NASDAQ	US7782961038	ROST:US
ROYAL CARIBBEAN CRUISES LTD (ROYAL CARIBB)	USA-NYSE	LR0008862868	RCL:US
RUTH'S HOSPITALITY GROUP INC (RUTH HOSPITL)	USA-NASDAQ	US7833321091	RUTH:US
SAF-HOLLAND SA (SAF-HOLLAND )	DEU-XETRA	LU0307018795	SFQ:GR
SCHAEFFLER AG (SCHAEFFLER)	DEU-XETRA	DE000SHA0159	SHA:GR
SCIENTIFIC GAMES CORP (SCIENT GAMES)	USA-NASDAQ	US80874P1093	SGMS:US
SERVICE CORP INTERNATIONAL (SERVICE CORP)	USA-NYSE	US8175651046	SCI:US
SHOE CARNIVAL INC (SHOE CARNIVA)	USA-NASDAQ	US8248891090	SCVL:US
SHOP APOTHEKE EUROPE NV (SHOPAPOTHEKE)	DEU-XETRA	NL0012044747	SAE:GR
SHUTTERFLY INC (SHUTTERFLY)	USA-NASDAQ	US82568P3047	SFLY:US
SIGNET JEWELERS LTD (SIGNET JEWEL)	USA-NYSE	BMG812761002	SIG:US
SKECHERS USA INC-CL A (SKECHERS INC)	USA-NYSE	US8305661055	SKX:US
SLEEP NUMBER CORP (SLEEP NUMBER)	USA-NASDAQ	US83125X1037	SNBR:US
SONOS INC (SONOS INC)	USA-NASDAQ	US83570H1086	SONO:US
SONY CORP-SPONSORED ADR (SONY CORP)	USA-NYSE	US8356993076	SNE:US
SORL AUTO PARTS INC (SORL AUTO PA)	USA-NASDAQ	US78461U1016	SORL:US
SOTHEBY'S (SOTHEBY'S)	USA-NYSE	US8358981079	BID:US
STAMPS.COM INC (STAMPS.COM)	USA-NASDAQ	US8528572006	STMP:US
STARBUCKS CORP (STARBUCKS )	USA-NASDAQ	US8552441094	SBUX:US
STEIN MART INC (STEIN MART)	USA-NASDAQ	US8583751081	SMRT:US
STEINHOFF INTERNATIONAL H NV (STEINHOFF)	DEU-XETRA	NL0011375019	SNH:GR
STEVEN MADDEN LTD (STEVENMADDEN)	USA-NASDAQ	US5562691080	SHOO:US
STITCH FIX INC-CLASS A (STITCH FIX)	USA-NASDAQ	US8608971078	SFIX:US
STRATEGIC EDUCATION INC (STRATEGIC ED)	USA-NASDAQ	US86272C1036	STRA:US
TAKKT AG (TAKKT AG)	DEU-XETRA	DE0007446007	TTK:GR
TARENA INTERNATIONAL INC-ADR (TARENA INTER)	USA-NASDAQ	US8761081012	TEDU:US
TARGET CORP (TARGET CORP)	USA-NYSE	US87612E1064	TGT:US
TATA MOTORS LTD-SPON ADR (TATA MOTORS)	USA-NYSE	US8765685024	TTM:US
TAYLOR WIMPEY PLC (TAYLORWIMPEY)	GBR-LSE	GB0008782301	TW/:LN
TESLA INC (TESLA)	USA-NASDAQ	US88160R1014	TLA:US
TEXAS ROADHOUSE INC (TEXAS ROADHO)	USA-NASDAQ	US8826811098	TXRH:US
TIFFANY & CO (TIFFANY & CO)	USA-NYSE	US8865471085	TIF:US
TJX COMPANIES INC (TJX COS INC)	USA-NYSE	US8725401090	TJX:US
TOWN SPORTS INTERNATIONAL (TOWN SPORTS )	USA-NASDAQ	US89214A1025	CLUB:US
TOYOTA MOTOR CORP -SPON ADR (TOYOTA MOTOR)	USA-NYSE	US8923313071	TM:US
TRACTOR SUPPLY COMPANY (TRACTOR SUPP)	USA-NASDAQ	US8923561067	TSCO:US
TUI AG-DI (TUI AG)	DEU-XETRA	DE000TUAG000	TUI1:GR
TURTLE BEACH CORP (TURTLE BEACH)	USA-NASDAQ	US9004502061	HEAR:US
ULTA BEAUTY INC (ULTA BEAUTY)	USA-NASDAQ	US9038453031	ULTA:US
UNDER ARMOUR INC-CLASS A (UNDER ARMO-A)	USA-NYSE	US9043111072	UAA:US
UNDER ARMOUR INC-CLASS C (UNDER ARMO-C)	USA-NYSE	US9043112062	UA:US
URBAN OUTFITTERS INC (URBAN OUTFIT)	USA-NASDAQ	US9170471026	URBN:US
VF CORP (VF CORP)	USA-NYSE	US9182041080	VFC:US
VIPSHOP HOLDINGS LTD - ADR (VIPSHOP HOLD)	USA-NYSE	US92763W1036	VIPS:US
VISTEON CORP (VISTEON CORP)	USA-NASDAQ	US92839U2069	VC:US
VOLKSWAGEN AG (VOLKSWAGEN)	DEU-XETRA	DE0007664005	VOW:GR
VOLKSWAGEN AG-PREF (VOLKSWAGEN-P)	DEU-XETRA	DE0007664039	VOW3:GR
WAYFAIR INC- CLASS A (WAYFAIR INC)	USA-NYSE	US94419L1017	W:US
WENDY'S CO/THE (WENDY'S CO)	USA-NASDAQ	US95058W1009	WEN:US
WESTWING GROUP AG (WESTWING)	DEU-XETRA	DE000A2N4H07	WEW:GR
WHIRLPOOL CORP (WHIRLPOOL)	USA-NYSE	US9633201069	WHR:US
WHITBREAD PLC (WHITBREAD)	GBR-LSE	GB00B1KJ408	WTB:LN
WINGSTOP INC (WINGSTOP INC)	USA-NASDAQ	US9741551033	WING:US
WYNN RESORTS LTD (WYNN RESORTS)	USA-NASDAQ	US9831341071	WYNN:US
YUM! BRANDS INC (YUM! BRANDS )	USA-NYSE	US9884981013	YUM:US
ZALANDO SE (ZALANDO SE)	DEU-XETRA	DE000ZAL1111	ZAL:GR
ZEAL NETWORK SE (ZEAL NETWORK)	DEU-XETRA	GB00BHD66J44	TIM:GR
ZOOPLUS AG (ZOOPLUS AG)	DEU-XETRA	DE0005111702	ZO1:GR
ZUMIEZ INC (ZUMIEZ INC)	USA-NASDAQ	US9898171015	ZUMZ:US

## Consumer Staples

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ALTRIA GROUP INC (ALTRIA GROUP)	USA-NYSE	US02209S1033	MO:US
AMBEV SA-ADR (AMBEV SA)	USA-NYSE	US02319V1035	ABEV:US
ANHEUSER-BUSCH INBEV-SPN ADR (ANHEUSER-SPN)	USA-NYSE	US03524A1088	BUD:US
ARCHER-DANIELS-MIDLAND CO (ARCHERDANIEL)	USA-NYSE	US0394831020	ADM:US

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ASSOCIATED BRITISH FOODS PLC (ASSOC BRIT F)	GBR-LSE	GB0006731235	ABF:LN
AVON PRODUCTS INC (AVON)	USA-NYSE	US0543031027	AVP:US
B&G FOODS INC (B&G FOODS)	USA-NYSE	US05508R1068	BGS:US
BEIERSDORF AG (BEIERSDORF)	DEU-XETRA	DE0005200000	BEI:GR
BJ'S WHOLESALE CLUB HOLDINGS (BJ WHOLESALE)	USA-NYSE	US05550J1016	BJ:US
BOSTON BEER COMPANY INC-A (BOSTON BEER)	USA-NYSE	US1005571070	SAM:US
BRF SA-ADR (BRF SA)	USA-NYSE	US10552T1079	BRFS:US
BRITISH AMERICAN TOBACCO PLC (BRIT AMER TO)	GBR-LSE	GB0002875804	BATS:LN
BROWN-FORMAN CORP-CLASS B (BROWN-FORMAN)	USA-NYSE	US1156372096	BF/B:US
BUNGE LTD (BUNGE LTD)	USA-NYSE	BMG169621056	BG:US
CALAVO GROWERS INC (CALAVO GROWE)	USA-NASDAQ	US1282461052	CVGW:US
CAL-MAINE FOODS INC (CALMAINEFOOD)	USA-NASDAQ	US1280302027	CALM:US
CAMPBELL SOUP CO (CAMPBELLSOUP)	USA-NYSE	US1344291091	CPB:US
CARLSBERG AS-B (CARLSBERG AG)	DEU-XETRA	DK0010181759	CBGB:GR
CASEY'S GENERAL STORES INC (CASEY'S GENE)	USA-NASDAQ	US1475281036	CASY:US
CHURCH & DWIGHT CO INC (CHURCHDWIGHT)	USA-NYSE	US1713401024	CHD:US
CLOROX COMPANY (CLOROX CO)	USA-NYSE	US1890541097	CLX:US
COCA-COLA CO/THE (COCA-COLA )	USA-NYSE	US1912161007	KO:US
COCA-COLA CONSOLIDATED INC (COCA-COLA BO)	USA-NASDAQ	US1910981026	COKE:US
COCA-COLA HBC AG-DI (COCA-COLA HB)	GBR-LSE	CH0198251305	CCH:LN
COLGATE-PALMOLIVE CO (COLGATE)	USA-NYSE	US1941621039	CL:US
CONAGRA BRANDS INC (CONAGRAFOODS)	USA-NYSE	US2058871029	CAG:US
CONSTELLATION BRANDS INC-A (CONSTELLATIO)	USA-NYSE	US21036P1084	STZ:US
COSTCO WHOLESALE CORP (COSTCO WHOLE)	USA-NASDAQ	US22160K1051	COST:US
COTY INC-CL A (COTY INC)	USA-NYSE	US2220702037	COTY:US
DARLING INGREDIENTS INC (DARLING INGR)	USA-NYSE	US2372661015	DAR:US
DEAN FOODS CO (DEAN FOODS)	USA-NYSE	US2423702032	DF:US
DIAGEO PLC (DIAGEO PLC)	GBR-LSE	GB0002374006	DGE:LN
DIAGEO PLC-SPONSORED ADR (DIAGEO PLC)	USA-NYSE	US25243Q2057	DEO:US
EDGEWELL PERSONAL CARE CO (EDGEWELL)	USA-NYSE	US28035Q1022	EPC:US
ELF BEAUTY INC (ELF BEAUTY)	USA-NYSE	US26856L1035	ELF:US
ENERGIZER HOLDINGS INC (ENERGIZER HO)	USA-NYSE	US29272W1099	ENR:US
ESTEE LAUDER COMPANIES-CL A (ESTEE LAUDER)	USA-NYSE	US5184391044	EL:US
FLOWERS FOODS INC (FLOWERS FOOD)	USA-NYSE	US3434981011	FLO:US
FOMENTO ECONOMICO MEX-SP ADR (FOMENTO ECON)	USA-NYSE	US3444191064	FMX:US
FRESHPET INC (FRESHPET INC)	USA-NASDAQ	US3580391056	FRPT:US
GENERAL MILLS INC (GENERALMILLS)	USA-NYSE	US3703341046	GIS:US
HAIN CELESTIAL GROUP INC (HAIN CELESTI)	USA-NASDAQ	US4052171000	HAIN:US
HEINEKEN NV (HEINEKEN NV)	DEU-XETRA	NL0000009165	HNK1:GR
HENKEL AG & CO KGAA VORZUG (HENKEL AG -P)	DEU-XETRA	DE0006048432	HEN3:GR
HERBALIFE NUTRITION LTD (HERBALIFE NU)	USA-NYSE	KYG4412G1010	HLF:US
HERSHEY CO/THE (HERSHEY )	USA-NYSE	US4278661081	HSY:US
HORMEL FOODS CORP (HORMEL FOODS)	USA-NYSE	US4404521001	HRL:US
HOSTESS BRANDS INC (HOSTESSBRAND)	USA-NASDAQ	US44109J1060	TWINK:US
IMPERIAL BRANDS PLC (IMPERIAL BRA)	GBR-LSE	GB0004544929	IMB:LN
INGREDION INC (INGREDION)	USA-NYSE	US4571871023	INGR:US
J & J SNACK FOODS CORP (J & J SNACK )	USA-NASDAQ	US4660321096	JJSF:US
JERONIMO MARTINS (JERONIMO MAR)	DEU-XETRA	PTJMT0AE0001	JEM:GR
JM SMUCKER CO/THE (JM SMUCKER )	USA-NYSE	US8326964058	SJM:US
KELLOGG CO (KELLOGG)	USA-NYSE	US4878361082	K:US
KIMBERLY-CLARK CORP (KIMBERLY-CLA)	USA-NYSE	US4943681035	KMB:US
KRAFT HEINZ CO/THE (KRAFT HEINZ )	USA-NASDAQ	US5007541064	KHC:US
KROGER CO (KROGER CO)	USA-NYSE	US5010441013	KR:US
KWS SAAT SE (KWS SAAT SE)	DEU-XETRA	DE0007074007	KWS:GR
LAMB WESTON HOLDINGS INC (LAMB WESTON)	USA-NYSE	US5132721045	LN:US
LANCASTER COLONY CORP (LANCASTER CO)	USA-NASDAQ	US5138471033	LANC:US
MCCORMICK & CO-NON VTG SHRS (MCCORMICK)	USA-NYSE	US5797802064	MKC:US
MEDIFAST INC (MEDIFAST INC)	USA-NYSE	US58470H1014	MED:US
MGP INGREDIENTS INC (MGP INGREDIE)	USA-NASDAQ	US55303J1060	MGPI:US
MOLSON COORS BREWING CO -B (MOLSON COORS)	USA-NYSE	US60871R2094	TAP:US
MONDELEZ INTERNATIONAL INC-A (MONDELEZ INT)	USA-NASDAQ	US6092071058	MDLZ:US
MONSTER BEVERAGE CORP (MONSTER BEVE)	USA-NASDAQ	US61174X1090	MNST:US
NATIONAL BEVERAGE CORP (NATL BEVERAG)	USA-NASDAQ	US6350171061	FIZZ:US
NESTLE SA-REG (NESTLE SA)	DEU-XETRA	CH0038863350	NESR:GR
NU SKIN ENTERPRISES INC - A (NU SKIN ENTE)	USA-NYSE	US67018T1051	NUS:US
PEPSICO INC (PEPSICO INC)	USA-NYSE	US7134481081	PEP:US
PERFORMANCE FOOD GROUP CO (PERFORMANCE )	USA-NYSE	US71377A1034	PFGC:US
PHILIP MORRIS INTERNATIONAL (PHILIPMORRIS)	USA-NYSE	US7181721090	PM:US
PILGRIM'S PRIDE CORP (PILGRIMPRIDE)	USA-NASDAQ	US72147K1088	PPC:US
PRICESMART INC (PRICESMART)	USA-NASDAQ	US7415111092	PSMT:US
PROCTER & GAMBLE CO/THE (PROCTER&GAMB)	USA-NYSE	US7427181091	PG:US
RECKITT BENCKISER GROUP PLC (RECKITT BENC)	GBR-LSE	GB00B24CGK77	RB:/LN
SAINSBURY (J) PLC (SAINSBURY)	GBR-LSE	GB00B019KW72	SBRY:LN
SANDERSON FARMS INC (SANDERSON FA)	USA-NASDAQ	US8000131040	SAFM:US
SEKTKELLEREI SCHLOSS WACHENH (SCHLOSS WACH)	DEU-XETRA	DE0007229007	SWA:GR



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SPROUTS FARMERS MARKET INC (SPROUTS FARM)	USA-NASDAQ	US85208M1027	SFM:US
STOCK SPIRITS GROUP PLC (STOCK SPIRIT)	GBR-LSE	GB00BF5SDZ96	STCK:LN
SUEDZUCKER AG (SUEDZUCKER)	DEU-XETRA	DE0007297004	SZU:GR
SYSCO CORP (SYSCO CORP)	USA-NYSE	US8718291078	SY:US
TESCO PLC (TESCO PLC)	GBR-LSE	GB0008847096	TSCO:LN
TYSON FOODS INC-CL A (TYSON FOODS)	USA-NYSE	US9024941034	TSN:US
UNILEVER PLC (UNILEVER PLC)	GBR-LSE	GB00B10RZP78	ULVR:LN
UNILEVER PLC-SPONSORED ADR (UNILEVER PLC)	USA-NYSE	US9047677045	UL:US
UNITED NATURAL FOODS INC (UNITED NATUR)	USA-NASDAQ	US9111631035	UNFI:US
WALGREENS BOOTS ALLIANCE INC (WALGREENS BO)	USA-NASDAQ	US9314271084	WBA:US
WALMART INC (WAL-MART)	USA-NYSE	US9311421039	WMT:US
WD-40 CO (WD-40 CO)	USA-NASDAQ	US9292361071	WDFC:US
WM MORRISON SUPERMARKETS (WM MORRISON )	GBR-LSE	GB0006043169	MRW:LN
ALTRIA GROUP INC (ALTRIA GROUP)	USA-NYSE	US02209S1033	MO:US
AMBEV SA-ADR (AMBEV SA)	USA-NYSE	US02319V1035	ABEV:US
ANHEUSER-BUSCH INBEV-SPN ADR (ANHEUSER-SPN)	USA-NYSE	US03524A1088	BUD:US
ARCHER-DANIELS-MIDLAND CO (ARCHERDANIEL)	USA-NYSE	US0394831020	ADM:US
ASSOCIATED BRITISH FOODS PLC (ASSOC BRIT F)	GBR-LSE	GB0006731235	ABF:LN
AVON PRODUCTS INC (AVON)	USA-NYSE	US0543031027	AVP:US
B&G FOODS INC (B&G FOODS)	USA-NYSE	US05508R1068	BGS:US
BEIERSDORF AG (BEIERSDORF)	DEU-XETRA	DE0005200000	BEI:GR
BJ'S WHOLESALE CLUB HOLDINGS (BJ WHOLESALE)	USA-NYSE	US05550J1016	BJ:US
BOSTON BEER COMPANY INC-A (BOSTON BEER)	USA-NYSE	US1005571070	SAM:US
BRF SA-ADR (BRF SA)	USA-NYSE	US10552T1079	BRFS:US
BRITISH AMERICAN TOBACCO PLC (BRIT AMER TO)	GBR-LSE	GB0002875804	BATS:LN
BROWN-FORMAN CORP-CLASS B (BROWN-FORMAN)	USA-NYSE	US1156372096	BF/B:US
BUNGE LTD (BUNGE LTD)	USA-NYSE	BMG169621056	BG:US
CALAVO GROWERS INC (CALAVO GROWE)	USA-NASDAQ	US1282461052	CVGW:US
CAL-MAINE FOODS INC (CALMAINEFOOD)	USA-NASDAQ	US1280302027	CALM:US
CAMPBELL SOUP CO (CAMPBELLSOUP)	USA-NYSE	US1344291091	CPB:US
CARLSBERG AS-B (CARLSBERG AG)	DEU-XETRA	DK0010181759	CBGB:GR
CASEY'S GENERAL STORES INC (CASEY'S GENE)	USA-NASDAQ	US1475281036	CASY:US
CHURCH & DWIGHT CO INC (CHURCHDWIGHT)	USA-NYSE	US1713401024	CHD:US
CLOROX COMPANY (CLOROX CO)	USA-NYSE	US1890541097	CLX:US
COCA-COLA CO/THE (COCA-COLA )	USA-NYSE	US1912161007	KO:US
COCA-COLA CONSOLIDATED INC (COCA-COLA BO)	USA-NASDAQ	US1910981026	COKE:US
COCA-COLA HBC AG-DI (COCA-COLA HB)	GBR-LSE	CH0198251305	CCH:LN
COLGATE-PALMOLIVE CO (COLGATE)	USA-NYSE	US1941621039	CL:US
CONAGRA BRANDS INC (CONAGRAFOODS)	USA-NYSE	US2058871029	CAG:US
CONSTELLATION BRANDS INC-A (CONSTELLATIO)	USA-NYSE	US21036P1084	STZ:US
COSTCO WHOLESALE CORP (COSTCO WHOLE)	USA-NASDAQ	US22160K1051	COST:US
COTY INC-CL A (COTY INC)	USA-NYSE	US2220702037	COTY:US
DARLING INGREDIENTS INC (DARLING INGR)	USA-NYSE	US2372661015	DAR:US
DEAN FOODS CO (DEAN FOODS)	USA-NYSE	US2423702032	DF:US
DIAGEO PLC (DIAGEO PLC)	GBR-LSE	GB0002374006	DGE:LN
DIAGEO PLC-SPONSORED ADR (DIAGEO PLC)	USA-NYSE	US25243Q2057	DEO:US
EDGEWELL PERSONAL CARE CO (EDGEWELL)	USA-NYSE	US28035Q1022	EPC:US
ELF BEAUTY INC (ELF BEAUTY)	USA-NYSE	US26856L1035	ELF:US
ENERGIZER HOLDINGS INC (ENERGIZER HO)	USA-NYSE	US29272W1099	ENR:US
ESTEE LAUDER COMPANIES-CL A (ESTEE LAUDER)	USA-NYSE	US5184391044	EL:US
FLOWERS FOODS INC (FLOWERS FOOD)	USA-NYSE	US3434981011	FLO:US
FOMENTO ECONOMICO MEX-SP ADR (FOMENTO ECON)	USA-NYSE	US3444191064	FMX:US
FRESHPET INC (FRESHPET INC)	USA-NASDAQ	US3580391056	FRPT:US
GENERAL MILLS INC (GENERALMILLS)	USA-NYSE	US3703341046	GIS:US
HAIN CELESTIAL GROUP INC (HAIN CELESTI)	USA-NASDAQ	US4052171000	HAIN:US
HEINEKEN NV (HEINEKEN NV)	DEU-XETRA	NL0000009165	HNK1:GR
HENKEL AG & CO KGAA VORZUG (HENKEL AG -P)	DEU-XETRA	DE0006048432	HEN3:GR
HERBALIFE NUTRITION LTD (HERBALIFE NU)	USA-NYSE	KYG4412G1010	HLF:US
HERSHEY CO/THE (HERSHEY )	USA-NYSE	US4278661081	HSY:US
HORMEL FOODS CORP (HORMEL FOODS)	USA-NYSE	US4404521001	HRL:US
HOTESS BRANDS INC (HOTESSBRAND)	USA-NASDAQ	US44109J1060	TWNK:US
IMPERIAL BRANDS PLC (IMPERIAL BRA)	GBR-LSE	GB0004544929	IMB:LN
INGREDION INC (INGREDION)	USA-NYSE	US4571871023	INGR:US
J & J SNACK FOODS CORP (J & J SNACK )	USA-NASDAQ	US4660321096	JJSF:US
JERONIMO MARTINS (JERONIMO MAR)	DEU-XETRA	PTJMT0AE0001	JEM:GR
JM SMUCKER CO/THE (JM SMUCKER )	USA-NYSE	US8326964058	SJM:US
KELLOGG CO (KELLOGG)	USA-NYSE	US4878361082	K:US
KIMBERLY-CLARK CORP (KIMBERLY-CLA)	USA-NYSE	US4943681035	KMB:US
KRAFT HEINZ CO/THE (KRAFT HEINZ )	USA-NASDAQ	US5007541064	KHC:US
KROGER CO (KROGER CO)	USA-NYSE	US5010441013	KR:US
KWS SAAT SE (KWS SAAT SE)	DEU-XETRA	DE0007074007	KWS:GR
LAMB WESTON HOLDINGS INC (LAMB WESTON)	USA-NYSE	US5132721045	LW:US
LANCASTER COLONY CORP (LANCASTER CO)	USA-NASDAQ	US5138471033	LANC:US
MCCORMICK & CO-NON VTG SHRS (MCCORMICK)	USA-NYSE	US5797802064	MKC:US
MEDIFAST INC (MEDIFAST INC)	USA-NYSE	US58470H1014	MED:US

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MGP INGREDIENTS INC (MGP INGREDIE)	USA-NASDAQ	US55303J1060	MGPI:US
MOLSON COORS BREWING CO -B (MOLSON COORS)	USA-NYSE	US60871R2094	TAP:US
MONDELEZ INTERNATIONAL INC-A (MONDELEZ INT)	USA-NASDAQ	US6092071058	MDLZ:US
MONSTER BEVERAGE CORP (MONSTER BEVE)	USA-NASDAQ	US61174X1090	MNST:US
NATIONAL BEVERAGE CORP (NATL BEVERAG)	USA-NASDAQ	US6350171061	FIZZ:US
NESTLE SA-REG (NESTLE SA)	DEU-XETRA	CH0038863350	NESR:GR
NU SKIN ENTERPRISES INC - A (NU SKIN ENTE)	USA-NYSE	US67018T1051	NUS:US
PEPSICO INC (PEPSICO INC)	USA-NYSE	US7134481081	PEP:US
PERFORMANCE FOOD GROUP CO (PERFORMANCE )	USA-NYSE	US71377A1034	PFGC:US
PHILIP MORRIS INTERNATIONAL (PHILIPMORRIS)	USA-NYSE	US7181721090	PM:US
PILGRIM'S PRIDE CORP (PILGRIMPRIDE)	USA-NASDAQ	US72147K1088	PPC:US
PRICESMART INC (PRICESMART)	USA-NASDAQ	US7415111092	PSMT:US
PROCTER & GAMBLE CO/THE (PROCTER&GAMB)	USA-NYSE	US7427181091	PG:US
RECKITT BENCKISER GROUP PLC (RECKITT BENC)	GBR-LSE	GB00B24CGK77	RB:/LN
SAINSBURY (J) PLC (SAINSBURY)	GBR-LSE	GB00B019KW72	SBRY:LN
SANDERSON FARMS INC (SANDERSON FA)	USA-NASDAQ	US8000131040	SAFM:US
SEKTKELLEREI SCHLOSS WACHENH (SCHLOSS WACH)	DEU-XETRA	DE0007229007	SWA:GR
SPROUTS FARMERS MARKET INC (SPROUTS FARM)	USA-NASDAQ	US85208M1027	SFM:US
STOCK SPIRITS GROUP PLC (STOCK SPIRIT)	GBR-LSE	GB00BF5SDZ96	STCK:LN
SUEDZUCKER AG (SUEDZUCKER)	DEU-XETRA	DE0007297004	SZU:GR
SYSCO CORP (SYSCO CORP)	USA-NYSE	US8718291078	SY:US
TESCO PLC (TESCO PLC)	GBR-LSE	GB0008847096	TSCO:LN
TYSON FOODS INC-CL A (TYSON FOODS)	USA-NYSE	US9024941034	TSN:US
UNILEVER PLC (UNILEVER PLC)	GBR-LSE	GB00B10RZP78	ULVR:LN
UNILEVER PLC-SPONSORED ADR (UNILEVER PLC)	USA-NYSE	US9047677045	UL:US
UNITED NATURAL FOODS INC (UNITED NATUR)	USA-NASDAQ	US9111631035	UNFI:US
WALGREENS BOOTS ALLIANCE INC (WALGREENS BO)	USA-NASDAQ	US9314271084	WBA:US
WALMART INC (WAL-MART)	USA-NYSE	US9311421039	WMT:US
WD-40 CO (WD-40 CO)	USA-NASDAQ	US9292361071	WDFC:US
WM MORRISON SUPERMARKETS (WM MORRISON )	GBR-LSE	GB0006043169	MRW:LN

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Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ANADARKO PETROLEUM CORP (ANADARKO)	USA-NYSE	US0325111070	APC:US
ANTERO RESOURCES CORP (ANTERO RESOU)	USA-NYSE	US03674X1063	AR:US
APACHE CORP (APACHE CORP)	USA-NYSE	US0374111054	APA:US
APERGY CORP (APERGY CORP)	USA-NYSE	US03755L1044	APY:US
ARCH COAL INC - A (ARCH COAL)	USA-NYSE	US0393804077	ARCH:US
BAKER HUGHES A GE CO (BAKER HUGHES)	USA-NYSE	US05722G1004	BHGE:US
BERRY PETROLEUM CORP (BERRY PETROL)	USA-NASDAQ	US08579X1019	BRY:US
BONANZA CREEK ENERGY INC (BONANZA CREE)	USA-NYSE	US0977934001	BCEI:US
BP PLC (BP PLC)	GBR-LSE	GB0007980591	BP:/LN
BP PLC-SPONS ADR (BP PLC)	USA-NYSE	US0556221044	BP:US
C&J ENERGY SERVICES INC (C&J ENERGY)	USA-NYSE	US12674R1005	CJ:US
CABOT OIL & GAS CORP (CABOT OIL )	USA-NYSE	US1270971039	COG:US
CACTUS INC - A (CACTUS INC)	USA-NYSE	US1272031071	WHD:US
CALIFORNIA RESOURCES CORP (CALIFORNIA)	USA-NYSE	US13057Q2066	CRC:US
CALLON PETROLEUM CO (CALLON PETRO)	USA-NYSE	US13123X1028	CPE:US
CAMECO CORP (CAMECO CORP)	DEU-XETRA	CA13321L1085	CJ6:GR
CAMECO CORP (CAMECO CORP)	DEU-XETRA	CA13321L1085	CJ6:GR
CARRIZO OIL & GAS INC (CARRIZO OIL)	USA-NASDAQ	US1445771033	CRZO:US
CENTENNIAL RESOURCE DEVELO-A (CENTENNIAL)	USA-NASDAQ	US15136A1025	CDEV:US
CHENIERE ENERGY INC (CHENIERE ENE)	USA-NYSE	US16411R2085	LNG:US
CHESAPEAKE ENERGY CORP (CHESAPEAKE)	USA-NYSE	US1651671075	CHK:US
CHEVRON CORP (CHEVRON CORP)	USA-NYSE	US1667641005	CVX:US
CIMAREX ENERGY CO (CIMAREX ENER)	USA-NYSE	US1717981013	XEC:US
CNOOC LTD-SPON ADR (CNOOC LTD)	USA-NYSE	US1261321095	CEO:US
CNX RESOURCES CORP (CNX RESOURCE)	USA-NYSE	US12653C1080	CNX:US
CONCHO RESOURCES INC (CONCHO RESOU)	USA-NYSE	US20605P1012	CXO:US
CONOCOPHILLIPS (CONOCOPHILLI)	USA-NYSE	US20825C1045	COP:US
CONSOL ENERGY INC (CONSOLENERGY)	USA-NYSE	US20854L1089	CEIX:US
CONTINENTAL RESOURCES INC/OK (CONTL RES)	USA-NYSE	US2120151012	CLR:US
CORE LABORATORIES N.V. (CORE LABS NV)	USA-NYSE	NL0000200384	CLB:US
CVR ENERGY INC (CVR ENERGY)	USA-NYSE	US12662P1084	CVI:US
DELEK US HOLDINGS INC (DELEK US HOL)	USA-NYSE	US24665A1034	DK:US
DENBURY RESOURCES INC (DENBURY RESO)	USA-NYSE	US2479162081	DNR:US
DENISON MINES CORP (DENISONMINES)	USA-NYSE	CA2483561072	DNN:US
DEVON ENERGY CORP (DEVON ENERGY)	USA-NYSE	US25179M1036	DVN:US
DIAMOND OFFSHORE DRILLING (DIAMOND OFFS)	USA-NYSE	US25271C1027	DO:US
DIAMONDBACK ENERGY INC (DIAMONDBACK )	USA-NASDAQ	US25278X1090	FANG:US
DORIAN LPG LTD (DORIAN LPG)	USA-NYSE	MHY2106R1100	LPG:US

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DRIL-QUIP INC (DRIL-QUIP)	USA-NYSE	US2620371045	DRQ:US
ECOPETROL SA-SPONSORED ADR (ECOPETROL-SP)	USA-NYSE	US2791581091	EC:US
EMERGE ENERGY SERVICES LP (EMERGEENERGY)	USA-NYSE	US29102H1086	EMES:US
ENERGY FUELS INC (ENERGY FUELS)	DEU-XETRA	CA2926717083	VO51:GR
ENI SPA-SPONSORED ADR (ENI SPA)	USA-NYSE	US26874R1086	E:US
ENQUEST PLC (ENQUEST PLC)	GBR-LSE	GB00B635TG28	ENQ:LN
ENSCO PLC-CL A (ENSCO PLC)	USA-NYSE	GB00B4VLR192	ESV:US
EOG RESOURCES INC (EOG RESOURCE)	USA-NYSE	US26875P1012	EOG:US
EP ENERGY CORP-CL A (EP ENERGY)	USA-NYSE	US2687851020	EPE:US
EQT CORP (EQT CORP)	USA-NYSE	US26884L1098	EQT:US
EQUINOR ASA (STATOIL ASA)	DEU-XETRA	NO0010096985	DNQ:GR
EXTRACTION OIL & GAS INC (EXTRACTION)	USA-NASDAQ	US30227M1053	XOG:US
EXXON MOBIL CORP (EXXON MOBIL )	USA-NYSE	US30231G1022	XOM:US
GAZPROM PAO -SPON ADR (GAZPROM PJSC)	DEU-XETRA	US3682872078	GAZ:GR
GAZPROM PAO -SPON ADR (GAZPROM PJSC)	DEU-XETRA	US3682872078	GAZ:GR
GOLAR LNG LTD (GOLAR LNG)	USA-NASDAQ	BMG9456A1009	GLNG:US
GREEN PLAINS INC (GREEN PLAINS)	USA-NASDAQ	US3932221043	GPRE:US
GULFPORT ENERGY CORP (GULFPORT ENE)	USA-NASDAQ	US4026353049	GPOR:US
HALCON RESOURCES CORP (HALCON RES)	USA-NYSE	US40537Q6052	HK:US
HALLIBURTON CO (HALLIBURTON )	USA-NYSE	US4062161017	HAL:US
HELIX ENERGY SOLUTIONS GROUP (HELIX ENERGY)	USA-NYSE	US42330P1075	HLX:US
HELMERICH & PAYNE (HELMERICH)	USA-NYSE	US4234521015	HP:US
HESS CORP (HESS CORP)	USA-NYSE	US42809H1077	HES:US
HIGHPOINT RESOURCES CORP (HIGHPOINT)	USA-NYSE	US43114K1088	HPR:US
HOLLYFRONTIER CORP (HOLLYFRONTIE)	USA-NYSE	US4361061082	HFC:US
HORNBECK OFFSHORE SERVICES (HORNBECK OFF)	USA-NYSE	US4405431069	HOS:US
JAGGED PEAK ENERGY INC (JAGGED PEAK )	USA-NYSE	US47009K1079	JAG:US
KEANE GROUP INC (KEANE GROUP )	USA-NYSE	US48669A1088	FRAC:US
KINDER MORGAN INC (KINDERMORGAN)	USA-NYSE	US49456B1017	KMI:US
KOSMOS ENERGY LTD (KOSMOSENERGY)	USA-NYSE	BMG5315B1072	KOS:US
LAREDO PETROLEUM INC (LAREDO PETRO)	USA-NYSE	US5168061068	LPI:US
LIBERTY OILFIELD SERVICES -A (LIBERTY OILF)	USA-NYSE	US53115L1044	LBRT:US
LUKOIL PJSC-SPON ADR (LUKOIL PJSC)	USA-NASDAQ	US69343P1057	LUKOY:US
MAGNOLIA OIL & GAS CORP (MAGNOLIA OIL)	USA-NYSE	US5596631094	MGY:US
MAMMOTH ENERGY SERVICES INC (MAMMOTH ENER)	USA-NASDAQ	US56155L1089	TUSK:US
MARATHON OIL CORP (MARATHON OIL)	USA-NYSE	US5658491064	MRO:US
MARATHON PETROLEUM CORP (MARATHON PET)	USA-NYSE	US56585A1025	MPC:US
MATADOR RESOURCES CO (MATADOR RESO)	USA-NYSE	US5764852050	MTDR:US
MEGA URANIUM LTD (MEGA URANIUM)	DEU-XETRA	CA58516W1041	M6J :GR
MURPHY OIL CORP (MURPHY OIL)	USA-NYSE	US6267171022	MUR:US
NABORS INDUSTRIES LTD (NABORS IND)	USA-NYSE	BMG6359F1032	NBR:US
NATIONAL OILWELL VARCO INC (NATL OILWELL)	USA-NYSE	US6370711011	NOV:US
NCS MULTISTAGE HOLDINGS INC (NCSM)	USA-NASDAQ	US6288771024	NCSM:US
NEWFIELD EXPLORATION CO (NEWFIELD EXP)	USA-NYSE	US6512901082	NFX:US
NEXGEN ENERGY LTD (NEXGEN ENER)	USA-NYSE	CA65340P1062	NXE:US
NOBLE CORP PLC (NOBLE CORP)	USA-NYSE	GB00BFG3KF26	NE:US
NOBLE ENERGY INC (NOBLE ENERGY)	USA-NYSE	US6550441058	NBL:US
NORTHERN OIL AND GAS INC (NORTHERN OIL)	USA-NYSE	US6655311099	NOG:US
OASIS PETROLEUM INC (OASIS PETROL)	USA-NYSE	US6742151086	OAS:US
OCCIDENTAL PETROLEUM CORP (OCCIDENTAL P)	USA-NYSE	US6745991058	OXY:US
OCEANEERING INTL INC (OCEANEERING )	USA-NYSE	US6752321025	OII:US
OIL STATES INTERNATIONAL INC (OIL STATES)	USA-NYSE	US6780261052	OIS:US
ONEOK INC (ONEOK INC)	USA-NYSE	US6826801036	OKE:US
PACIFIC ETHANOL INC (PACIFIC ETHL)	USA-NASDAQ	US69423U3059	PEIX:US
PARSLEY ENERGY INC-CLASS A (PARSLEY ENER)	USA-NYSE	US7018771029	PE:US
PATTERSON-UTI ENERGY INC (PATTERSONUTI)	USA-NASDAQ	US7034811015	PTEN:US
PBF ENERGY INC-CLASS A (PBF ENERGY)	USA-NYSE	US69318G1067	PBF:US
PDC ENERGY INC (PDC ENERGY)	USA-NASDAQ	US69327R1014	PDCE:US
PEABODY ENERGY CORP (PEABODY ENER)	USA-NYSE	US7045511000	BTU:US
PENN VIRGINIA CORP (PENN VIRGINI)	USA-NASDAQ	US70788V1026	PVAC:US
PETROCHINA CO LTD -ADR (PETROCHINA )	USA-NYSE	US71646E1001	PTR:US
PETROLEO BRASILEIRO-SPON ADR (PETROBRASIL)	USA-NYSE	US71654V4086	PBR:US
PETROLEO BRASIL-SP PREF ADR (PETROBRASILS)	USA-NYSE	US71654V1017	PBR/A:US
PHILLIPS 66 (PHILLIPS 66)	USA-NYSE	US7185461040	PSX:US
PIONEER NATURAL RESOURCES CO (PIONEER NATU)	USA-NYSE	US7237871071	PXD:US
RANGE RESOURCES CORP (RANGE RESOUR)	USA-NYSE	US75281A1097	RRC:US
RENEWABLE ENERGY GROUP INC (RENEWABLE EN)	USA-NASDAQ	US75972A3014	REGI:US
REPSOL SA (REPSOL SA)	DEU-XETRA	ES0173516115	REP:GR
ROWAN COMPANIES PLC-A (ROWAN)	USA-NYSE	GB00B6SLMV12	RDC:US
ROYAL DUTCH SHELL PLC-A SHS (ROYALDUTCH A)	GBR-LSE	GB00B03MLX29	RDSA:LN
ROYAL DUTCH SHELL PLC-B SHS (ROYALDUTCH B)	GBR-LSE	GB00B03MM408	RDSB:LN
ROYAL DUTCH SHELL-SPON ADR-A (ROYALDUTCH A)	USA-NYSE	US7802592060	RDS/A:US
ROYAL DUTCH SHELL-SPON ADR-B (ROYALDUTCH B)	USA-NYSE	US7802591070	RDS/B:US
SCHLUMBERGER LTD (SCHLUMBERGER)	USA-NYSE	AN8068571086	SLB:US
SEADRILL LTD (SEADRILL LTD)	USA-NYSE	BMG7998G1069	SDRL:US

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
SHIP FINANCE INTL LTD (SHIP FINANCE)	USA-NYSE	BMG810751062	SFL:US
SMART SAND INC (SMART SAND)	USA-NASDAQ	US83191H1077	SND:US
SOUTHWESTERN ENERGY CO (SOUTHWESTRN )	USA-NYSE	US8454671095	SWN:US
TELLURIAN INC (TELLURIAN)	USA-NASDAQ	US87968A1043	TELL:US
TENARIS SA-ADR (TENARIS)	USA-NYSE	US88031M1099	TS:US
TOTAL SA (TOTAL SA)	DEU-XETRA	FR0000120271	TOTB:GR
TOTAL SA-SPON ADR (TOTAL SA-SP )	USA-NYSE	US89151E1091	TOT:US
TRANSOCEAN LTD (TRANSOCEAN)	USA-NYSE	CH0048265513	RIG:US
UEX CORP (UEX CORP)	DEU-XETRA	CA9026661061	UXO:GR
ULTRAPAR PARTICPAC-SPON ADR (ULTRAPAR PA)	USA-NYSE	US90400P1012	UGP:US
URANIUM ENERGY CORP (URANIUM ENER)	USA-NYSE	US9168961038	UEC:US
US SILICA HOLDINGS INC (U.S. SILICA)	USA-NYSE	US90346E1038	SLCA:US
VALERO ENERGY CORP (VALERO ENERG)	USA-NYSE	US91913Y1001	VLO:US
WESTWATER RESOURCES INC (WESTWATER RE)	USA-NASDAQ	US9616841071	WWR:US
WILLIAMS COS INC (WILLIAMS COS)	USA-NYSE	US9694571004	WMB:US
YPF S.A.-SPONSORED ADR (YPF SA)	USA-NYSE	US9842451000	YPF:US

## Financials

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
3I GROUP PLC (3I GROUP PLC)	GBR-LSE	GB00B1YW4409	III:LN
AAREAL BANK AG (AAREAL BANK )	DEU-XETRA	DE0005408116	ARL:GR
ADMIRAL GROUP PLC (ADMIRAL GRP)	GBR-LSE	GB00B02J6398	ADM:LN
AFFILIATED MANAGERS GROUP (AFFIL MANAGE)	USA-NYSE	US0082521081	AMG:US
AFLAC INC (AFLAC INC)	USA-NYSE	US0010551028	AFL:US
AGEAS (AGEAS NV/SA)	DEU-XETRA	BE0974264930	F04N:GR
AGNC INVESTMENT CORP (AGNC CORP)	USA-NASDAQ	US00123Q1040	AGNC:US
ALLEGHANY CORP (ALLEGHANY CO)	USA-NYSE	US0171751003	Y:US
ALLIANZ SE-REG (ALLIANZ SE-V)	DEU-XETRA	DE0008404005	ALV:GR
ALLSTATE CORP (ALLSTATE)	USA-NYSE	US0200021014	ALL:US
ALLY FINANCIAL INC (ALLY FIN)	USA-NYSE	US02005N1000	ALLY:US
ALPHA BANK AE-SPON ADR (ALPHA BANK)	USA-NASDAQ	US02071M5076	ALBK:US
AMERICAN EQUITY INVT LIFE HL (AMER EQUITY )	USA-NYSE	US0256762065	AEL:US
AMERICAN EXPRESS CO (AMER EXPRESS)	USA-NYSE	US0258161092	AXP:US
AMERICAN FINANCIAL GROUP INC (AMER FINL GR)	USA-NYSE	US0259321042	AFG:US
AMERICAN INTERNATIONAL GROUP (AIG)	USA-NYSE	US0268747849	AIG:US
AMERIPRISE FINANCIAL INC (AMERIPRISE)	USA-NYSE	US03076C1062	AMP:US
AMERIS BANCORP (AMERIS BANCO)	USA-NASDAQ	US03076K1088	ABCB:US
AON PLC (AON PLC)	USA-NYSE	GB00B5B70K07	AON:US
ARBOR REALTY TRUST INC (ARBOR REALTY)	USA-NYSE	US0389231087	ABR:US
ARCH CAPITAL GROUP LTD (ARCH CAPITAL)	USA-NASDAQ	BMG0450A1053	ACGL:US
ARES CAPITAL CORP (ARES CAPITAL)	USA-NASDAQ	US04010L1035	ARCC:US
ARTHUR J GALLAGHER & CO (ARTHUR J GAL)	USA-NYSE	US3635761097	AJG:US
ASPEN INSURANCE HOLDINGS LTD (ASPEN INSURA)	USA-NYSE	BMG053841059	AHL:US
ASSOCIATED BANC-CORP (ASSOC BANC)	USA-NYSE	US0454871056	ASB:US
ASSURANT INC (ASSURANT INC)	USA-NYSE	US04621X1081	AIZ:US
ASSURED GUARANTY LTD (ASSURED GUAR)	USA-NYSE	BMG0585R1060	AGO:US
ATHENE HOLDING LTD-CLASS A (ATHENE HOLDI)	USA-NYSE	BMG0684D1074	ATH:US
AURELIUS EQUITY OPPORTUNITIE (AURELIUS)	DEU-XETRA	DE000A0JK2A8	AR4:GR
AVIVA PLC (AVIVA PLC)	GBR-LSE	GB0002162385	AV:/LN
AXA EQUITABLE HOLDINGS INC (AXAEQUITABLE)	USA-NYSE	US0545611057	EQH:US
AXIS CAPITAL HOLDINGS LTD (AXIS CAPITAL)	USA-NYSE	BMG0692U1099	AXS:US
BANCA FARMACTORING SPA (BANCA FARMAF )	DEU-XETRA	IT0005244402	2BF:GR
BANCO BILBAO VIZCAYA-SP ADR (BANCO BILBAO)	USA-NYSE	US05946K1016	BBVA:US
BANCO BRADESCO-ADR (BRADESCO)	USA-NYSE	US0594603039	BBD:US
BANCO DO BRASIL SA-SPON ADR (BANCO BRASIL)	USA-NASDAQ	US0595781040	BDORY:US
BANCO MACRO SA-ADR (BANCO MACRO )	USA-NYSE	US05961W1053	BMA:US
BANCO SANTANDER SA-SPON ADR (SANTANDER)	USA-NYSE	US05964H1059	SAN:US
BANCOLOMBIA S.A.-SPONS ADR (BANCOLOMBIA)	USA-NYSE	US05968L1026	CIB:US
BANCORPSOUTH BANK (BANCORPSOUTH)	USA-NYSE	US05971J1025	BXS:US
BANK OF AMERICA CORP (BANK OF AMER)	USA-NYSE	US0605051046	BAC:US
BANK OF CHINA-UNSPN ADR (BANK CHINA)	USA-NASDAQ	US06426M1045	BACHY:US
BANK OF HAWAII CORP (BANK OF HAWA)	USA-NYSE	US0625401098	BOH:US
BANK OF NEW YORK MELLON CORP (BANKNYMELLON)	USA-NYSE	US0640581007	BK:US
BANK OZK (BANK OZK)	USA-NASDAQ	US06417N1037	OZK:US
BANKUNITED INC (BANKUNITED)	USA-NYSE	US06652K1034	BKU:US
BANNER CORPORATION (BANNER CORPO)	USA-NASDAQ	US06652V2088	BANR:US
BARCLAYS PLC (BARCLAYS PLC)	GBR-LSE	GB0031348658	BARC:LN
BARCLAYS PLC-SPONS ADR (BARCLAYS PLC)	USA-NYSE	US06738E2046	BCS:US
BB&T CORP (BB&T CORP)	USA-NYSE	US0549371070	BBT:US
BERKSHIRE HATHAWAY INC-CL B (BERKSHIRE)	USA-NYSE	US0846707026	BRK/B:US
BGC PARTNERS INC-CL A (BGC PARTNERS)	USA-NASDAQ	US05541T1016	BGCP:US

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
BLACKROCK INC (BLACKROCK)	USA-NYSE	US09247X1019	BLK:US
BLUCORA INC (BLUCORA INC)	USA-NASDAQ	US0952291005	BCOR:US
BOK FINANCIAL CORPORATION (BOKFINANCIAL)	USA-NASDAQ	US05561Q2012	BOKF:US
BRIGHTHOUSE FINANCIAL INC (BRIGHTHOUSE )	USA-NASDAQ	US10922N1037	BHF:US
BROOKFIELD ASSET MANAGE-CL A (BROOKFIELD )	USA-NYSE	CA1125851040	BAM:US
BROWN & BROWN INC (BROWN&BROWN)	USA-NYSE	US1152361010	BRO:US
CADENCE BANCORP (CADENCE BANC)	USA-NYSE	US12739A1007	CADE:US
CAPITAL ONE FINANCIAL CORP (CAPITAL ONE )	USA-NYSE	US14040H1059	COF:US
CATHAY GENERAL BANCORP (CATHAY GENER)	USA-NASDAQ	US1491501045	CATY:US
CBOE GLOBAL MARKETS INC (CBOE HOLDING)	USA-NASDAQ	US12503M1080	CBOE:US
CENTERSTATE BANK CORP (CENTERSTATE)	USA-NASDAQ	US15201P1093	CSFL:US
CHEMICAL FINANCIAL CORP (CHEMICAL FIN)	USA-NASDAQ	US1637311028	CHFC:US
CHINA CONSTRUCT-UNSPON ADR (CHINA CO BANK)	USA-NASDAQ	US1689191088	CICHY:US
CHUBB LTD (CHUBB LTD)	USA-NYSE	CH0044328745	CB:US
CINCINNATI FINANCIAL CORP (CINCINNATI F)	USA-NASDAQ	US1720621010	CINF:US
CIT GROUP INC (CIT GROUP)	USA-NYSE	US1255818015	CIT:US
CITIGROUP INC (CITIGROUP)	USA-NYSE	US1729674242	C:US
CITIZENS FINANCIAL GROUP (CITIZENS FIN)	USA-NYSE	US1746101054	CFG:US
CME GROUP INC (CME GROUP)	USA-NASDAQ	US12572Q1058	CME:US
CNA FINANCIAL CORP (CNA FINL COR)	USA-NYSE	US1261171003	CNA:US
CNO FINANCIAL GROUP INC (CNOFINANCIAL)	USA-NYSE	US12621E1038	CNO:US
COLUMBIA BANKING SYSTEM INC (COLUMBIA BAN)	USA-NASDAQ	US1972361026	COLB:US
COMDIRECT BANK AG (COMDIRECT)	DEU-XETRA	DE0005428007	COM:GR
COMERICA INC (COMERICA INC)	USA-NYSE	US2003401070	CMA:US
COMMERCE BANCSHARES INC (COMMERCE BCS)	USA-NASDAQ	US2005251036	CBSH:US
COMMERZBANK AG (COMMERZBANK)	DEU-XETRA	DE000CBK1001	CBK:GR
COMMUNITY BANK SYSTEM INC (COMMUNITY BA)	USA-NYSE	US2036071064	CBU:US
CREDICORP LTD (CREDICORP)	USA-NYSE	BMG2519Y1084	BAP:US
CREDIT ACCEPTANCE CORP (CREDIT ACCEP)	USA-NASDAQ	US2253101016	CACC:US
CREDIT SUISSE GROUP-SPON ADR (CREDIT SWISS)	USA-NYSE	US2254011081	CS:US
CULLEN/FROST BANKERS INC (CULLEN FROST)	USA-NYSE	US2298991090	CFR:US
CVB FINANCIAL CORP (CVBFINANCIAL)	USA-NASDAQ	US1266001056	CVBF:US
DEUTSCHE BANK AG-REGISTERED (DEUT BANK-RG)	DEU-XETRA	DE0005140008	DBK:GR
DEUTSCHE BANK AG-REGISTERED (DEUT BANK-RG)	DEU-XETRA	DE0005140008	DBK:GR
DEUTSCHE BETEILIGUNGS AG (DEUT BETEILL)	DEU-XETRA	DE000A1TNU77	DBAN:GR
DEUTSCHE BOERSE AG (DEUT BOERSE)	DEU-XETRA	DE0005810055	DB1:GR
DEUTSCHE PFANDBRIEFBANK AG (DEUT PFANDBR)	DEU-XETRA	DE0008019001	PBB:GR
DIRECT LINE INSURANCE GROUP (DIRECT LINE )	GBR-LSE	GB00BY9D0Y18	DLG:LN
DISCOVER FINANCIAL SERVICES (DISCOVER FIN)	USA-NYSE	US2547091080	DFS:US
E*TRADE FINANCIAL CORP (E*TRADE FINA)	USA-NASDAQ	US2692464017	ETFC:US
EAST WEST BANCORP INC (EAST WEST BN)	USA-NASDAQ	US27579R1041	EWBC:US
EATON VANCE CORP (EATON VANCE )	USA-NYSE	US2782651036	EV:US
ENCORE CAPITAL GROUP INC (ENCORE CAP)	USA-NASDAQ	US2925541029	ECPP:US
ENOVA INTERNATIONAL INC (ENOVA INTL)	USA-NYSE	US29357K1034	ENVA:US
EQUITY BANCSHARES INC - CL A (EQUITY BANCS)	USA-NASDAQ	US29460X1090	EQBK:US
ERSTE GROUP BANK AG (ERSTE GROUP)	DEU-XETRA	AT0000652011	EBO:GR
ESSENT GROUP LTD (ESSENT GROUP)	USA-NYSE	BMG3198U1027	ESNT:US
EVERCORE INC - A (EVERCORE INC)	USA-NYSE	US29977A1051	EVR:US
EVEREST RE GROUP LTD (EVEREST RE)	USA-NYSE	BMG3223R1088	RE:US
FACTSET RESEARCH SYSTEMS INC (FACTSET RESE)	USA-NYSE	US3030751057	FDS:US
FANHUA INC-SPONSORED ADR (FANHUA INC)	USA-NASDAQ	US30712A1034	FANH:US
FEDERATED INVESTORS INC-CL B (FEDERATEDINV)	USA-NYSE	US3142111034	FI:US
FERRATUM OYJ (FERRATUM OYJ)	DEU-XETRA	FI4000106299	FRU:GR
FIDELITY NATIONAL FINANCIAL (FIDELITY NAT)	USA-NYSE	US31620R3030	FNF:US
FIFTH THIRD BANCORP (FIFTH THIRD )	USA-NASDAQ	US3167731005	FITB:US
FINTECH GROUP AG-REG (FINTECH)	DEU-XETRA	DE000FTG1111	FTK:GR
FIRST AMERICAN FINANCIAL (FIRST AMERIC)	USA-NYSE	US31847R1023	FAF:US
FIRST CITIZENS BCSHS -CL A (FIRST CITIZE)	USA-NASDAQ	US31946M1036	FCNCA:US
FIRST FINANCIAL BANCORP (FIRST FIN BA)	USA-NASDAQ	US3202091092	FFBC:US
FIRST FINL BANKSHARES INC (FIRST FIN BA)	USA-NASDAQ	US32020R1095	FFIN:US
FIRST HAWAIIAN INC (FIRST HAWAII)	USA-NASDAQ	US32051X1081	FHB:US
FIRST HORIZON NATIONAL CORP (FIRSTHORIZON)	USA-NYSE	US3205171057	FHN:US
FIRST MIDWEST BANCORP INC/IL (FIRSTMIDWEST)	USA-NASDAQ	US3208671046	FMBI:US
FIRST REPUBLIC BANK/CA (FIRST REPUB)	USA-NYSE	US33616C1009	FRC:US
FIRSTCASH INC (FIRSTCASH)	USA-NYSE	US33767D1054	FCFS:US
FNB CORP (FNB CORP)	USA-NYSE	US3025201019	FNB:US
FOCUS FINANCIAL PARTNERS-A (FOCUS FINANC)	USA-NASDAQ	US34417P1003	FOCS:US
FRANKLIN RESOURCES INC (FRANKLIN RES)	USA-NYSE	US3546131018	BEN:US
FULTON FINANCIAL CORP (FULTON FINAN)	USA-NASDAQ	US3602711000	FULT:US
GENWORTH FINANCIAL INC-CL A (GENWORTH FIN)	USA-NYSE	US37247D1063	GNW:US
GLACIER BANCORP INC (GLACIER BANC)	USA-NASDAQ	US37637Q1058	GBCI:US
GOLDMAN SACHS GROUP INC (GOLDMANSACHS)	USA-NYSE	US38141G1040	GS:US
GREEN DOT CORP-CLASS A (GREEN DOT)	USA-NYSE	US39304D1028	GDOT:US
GREENHILL & CO INC (GREENHILL)	USA-NYSE	US3952591044	GHL:US
GRENKE AG (GRENKE AG)	DEU-XETRA	DE000A161N30	GLJ:GR

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
HANCOCK WHITNEY CORP (HANCOCK WHIT)	USA-NASDAQ	US4101201097	HWC:US
HANNOVER RUECK SE (HANNOVER RUE)	DEU-XETRA	DE0008402215	HNR1:GR
HANOVER INSURANCE GROUP INC/ (HANOVER INSU)	USA-NYSE	US4108671052	THG:US
HARGREAVES LANSDOWN PLC (HARGREAVES)	GBR-LSE	GB00B1VZ0M25	HL:/LN
HARTFORD FINANCIAL SVCS GRP (HARTFORD FIN)	USA-NYSE	US4165151048	HIG:US
HDFC BANK LTD-ADR (HDFC BANK)	USA-NYSE	US40415F1012	HDB:US
HEALTH INSURANCE INNOVATIO-A (HEALTH INSUR)	USA-NASDAQ	US42225K1060	HIIQ:US
HEARTLAND FINANCIAL USA INC (HEARTLAND FI)	USA-NASDAQ	US42234Q1022	HTLF:US
HERITAGE FINANCIAL CORP (HERITAGE FIN)	USA-NASDAQ	US42722X1063	HFWA:US
HEXINDAI INC-ADR (HEXINDAI INC)	USA-NASDAQ	US4282951098	HX:US
HOME BANCSHARES INC (HOME BANCSHA)	USA-NASDAQ	US4368932004	HOMB:US
HOPE BANCORP INC (HOPE BANCORP)	USA-NASDAQ	US43940T1097	HOPE:US
HOULIHAN LOKEY INC (HOULIHAN LOK)	USA-NYSE	US4415931009	HLI:US
HSBC HOLDINGS PLC (HSBC HOLDING)	GBR-LSE	GB0005405286	HSBA:LN
HSBC HOLDINGS PLC-SPONS ADR (HSBC HOLDING)	USA-NYSE	US4042804066	HSBC:US
HUNTINGTON BANCSHARES INC (HUNTINGTON)	USA-NASDAQ	US4461501045	HBAN:US
HYPOPORT AG (HYPOPORT AG)	DEU-XETRA	DE0005493365	HYQ:GR
IBERIABANK CORP (IBERIABANK)	USA-NASDAQ	US4508281080	IBK:US
ICICI BANK LTD-SPON ADR (ICICI BANK)	USA-NYSE	US45104G1040	IBN:US
IND & COMM BK OF CHINA-H (IND&COM BANK)	DEU-XETRA	CNE1000003G1	ICK:GR
INDEPENDENT BANK GROUP INC (INDEPENDENT )	USA-NASDAQ	US45384B1061	IBTX:US
ING GROEP N.V.-SPONSORED ADR (ING GROEP)	USA-NYSE	US4568371037	ING:US
ING GROEP NV (ING GROEP NV)	DEU-XETRA	NL0011821202	INNA:GR
INTERACTIVE BROKERS GRO-CL A (INTERACTIVE )	USA-NASDAQ	US45841N1072	IBKR:US
INTERCONTINENTAL EXCHANGE IN (INTERCONTINE)	USA-NYSE	US45866F1049	ICE:US
INTERNATIONAL PERSONAL FINAN (INT PERS FIN)	GBR-LSE	GB00B1YKG049	IPF:LN
INVESCO LTD (INVESCO LTD)	USA-NYSE	BMG491BT1088	IVZ:US
INVESTORS BANCORP INC (INVESTORS BA)	USA-NASDAQ	US46146L1017	ISBC:US
ITAU UNIBANCO H-SPON PRF ADR (ITAUUNIBANCO)	USA-NYSE	US4655621062	ITUB:US
JANUS HENDERSON GROUP PLC (JANUS HENDER)	USA-NYSE	JE00BYPZJM29	JHG:US
JEFFERIES FINANCIAL GROUP IN (JEFFERIESFIN)	USA-NYSE	US47233W1099	JEF:US
JPMORGAN CHASE & CO (JPMORGAN)	USA-NYSE	US46625H1005	JPM:US
KEARNY FINANCIAL CORP/MD (KEARNY FINAN)	USA-NASDAQ	US48716P1084	KRNY:US
KEMPER CORP (KEMPER CORP)	USA-NYSE	US4884011002	KMPR:US
KEYCORP (KEYCORP)	USA-NYSE	US4932671088	KEY:US
KKR & CO INC -A (KKR & CO INC)	USA-NYSE	US48251W1045	KKR:US
KOMERCNI BANKA AS (KOMERCNIBANK)	DEU-XETRA	CZ0008019106	KONN:GR
LAZARD LTD-CL A (LAZARD LTD)	USA-NYSE	BMG540501027	LAZ:US
LEGACYTEXAS FINANCIAL GROUP (LEGACYTEXAS )	USA-NASDAQ	US52471Y1064	LTXB:US
LEGAL & GENERAL GROUP PLC (LEGALGENERAL )	GBR-LSE	GB0005603997	LGEN:LN
LEGG MASON INC (LEGG MASON)	USA-NYSE	US5249011058	LM:US
LENDINGCLUB CORP (LENDINGCLUB )	USA-NYSE	US52603A1097	LC:US
LENDINGTREE INC (LENDINGTREE )	USA-NASDAQ	US52603B1070	TREE:US
LINCOLN NATIONAL CORP (LINCOLN NATL)	USA-NYSE	US5341871094	LNC:US
LLOYDS BANKING GROUP PLC (LLOYDS)	GBR-LSE	GB0008706128	LLOY:LN
LLOYDS BANKING GROUP PLC-ADR (LLOYDS)	USA-NYSE	US5394391099	LYG:US
LOEWS CORP (LOEWS CORP)	USA-NYSE	US5404241086	L:US
LONDON STOCK EXCHANGE GROUP (LONDON STOCK)	GBR-LSE	GB00B05WJX34	LSE:LN
LPL FINANCIAL HOLDINGS INC (LPLFINANCIAL)	USA-NASDAQ	US50212V1008	LPLA:US
M & T BANK CORP (M&T BANK)	USA-NYSE	US55261F1049	MTB:US
MARKEL CORP (MARKEL CORP)	USA-NYSE	US5705351048	MKL:US
MARKETAXESS HOLDINGS INC (MARKETAXESS)	USA-NASDAQ	US57060D1081	MKTX:US
MARSH & MCLENNAN COS (MARSH & MCLE)	USA-NYSE	US5717481023	MMC:US
MB FINANCIAL INC (MB FINANCIAL)	USA-NASDAQ	US55264U1088	MBFI:US
MBIA INC (MBIA INC)	USA-NYSE	US55262C1009	MBI:US
MERCURY GENERAL CORP (MERCURY GEN )	USA-NYSE	US5894001008	MCY:US
METLIFE INC (METLIFE INC)	USA-NYSE	US59156R1086	MET:US
MGIC INVESTMENT CORP (MGIC INVT CO)	USA-NYSE	US5528481030	MTG:US
MOELIS & CO - CLASS A (MOELIS & CO)	USA-NYSE	US60786M1053	MC:US
MOODY'S CORP (MOODY'S CORP)	USA-NYSE	US6153691059	MCO:US
MORGAN STANLEY (MORGAN STANL)	USA-NYSE	US6174464486	MS:US
MORNINGSTAR INC (MORNINGSTAR )	USA-NASDAQ	US6177001095	MORN:US
MSCI INC (MSCI INC)	USA-NYSE	US55354G1004	MSCI:US
MUENCHENER RUECKVER AG-REG (MUENCHENER)	DEU-XETRA	DE0008430026	MUV2:GR
NASDAQ INC (NASDAQ INC)	USA-NASDAQ	US6311031081	NDAQ:US
NATIONAL AUSTRALIA BK-SP ADR (NAT AUS BANK)	USA-NASDAQ	US6325254083	NABZY:US
NAVIENT CORP (NAVIENT CORP)	USA-NASDAQ	US63938C1080	NAVI:US
NAVIGATORS GROUP INC (NAVIGATORS)	USA-NASDAQ	US6389041020	NAVG:US
NEW YORK COMMUNITY BANCORP (NY COMM BANC)	USA-NYSE	US6494451031	NYCB:US
NEW YORK MORTGAGE TRUST INC (NY MORTGAGE)	USA-NASDAQ	US6496045013	NYMT:US
NMI HOLDINGS INC-CLASS A (NMI HOLDINGS)	USA-NASDAQ	US6292093050	NMIH:US
NORTHERN TRUST CORP (NORTHERN TRU)	USA-NASDAQ	US6658591044	NTRS:US
OCWEN FINANCIAL CORP (OCWEN FINANC)	USA-NYSE	US6757463095	OCN:US
OLD NATIONAL BANCORP (OLD NATL BAN)	USA-NASDAQ	US6800331075	ONB:US
OLD REPUBLIC INTL CORP (OLD REPUB )	USA-NYSE	US6802231042	ORI:US

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ONEMAIN HOLDINGS INC (ONEMAIN HOLD)	USA-NYSE	US68268W1036	OMF:US
PACIFIC PREMIER BANCORP INC (PACIFIC PREM)	USA-NASDAQ	US69478X1054	PPBI:US
PACWEST BANCORP (PACWEST BANC)	USA-NASDAQ	US6952631033	PACW:US
PEOPLE'S UNITED FINANCIAL (PEOPLE'S UNI)	USA-NASDAQ	US7127041058	PBCT:US
PINNACLE FINANCIAL PARTNERS (PINNACLE FIN)	USA-NASDAQ	US72346Q1040	PNFP:US
PJT PARTNERS INC - A (PJT PARTNERS)	USA-NYSE	US69343T1079	PJT:US
PNC FINANCIAL SERVICES GROUP (PNCFINANCIAL)	USA-NYSE	US6934751057	PNC:US
POPULAR INC (POPULAR INC)	USA-NASDAQ	PR7331747001	BPOP:US
PRA GROUP INC (PRA GROUP)	USA-NASDAQ	US69354N1063	PRAA:US
PRINCIPAL FINANCIAL GROUP (PRINCIPAL FI)	USA-NYSE	US74251V1026	PFG:US
PROGRESSIVE CORP (PROGRESSIVE )	USA-NYSE	US7433151039	PGR:US
PROSPECT CAPITAL CORP (PROSPECT CAP)	USA-NASDAQ	US74348T1025	PSEC:US
PROSPERITY BANCSHARES INC (PROSP BANCS)	USA-NYSE	US7436061052	PB:US
PROVIDENT FINANCIAL PLC (PROVIDENT)	GBR-LSE	GB00B1Z4ST84	PFG:LN
PRUDENTIAL FINANCIAL INC (PRUDENTL FIN)	USA-NYSE	US7443201022	PRU:US
PRUDENTIAL PLC (PRUDENTIAL)	GBR-LSE	GB0007099541	PRU:LN
PRUDENTIAL PLC-ADR (PRUDENTIAL)	USA-NYSE	US74435K2042	PUK:US
RAIFFEISEN BANK INTERNATIONA (RAIFFEISEN)	DEU-XETRA	AT0000606306	RAW:GR
REGIONS FINANCIAL CORP (REGIONS FINA)	USA-NYSE	US7591EP1005	RF:US
RENAISSANCERE HOLDINGS LTD (RENAISSANCER)	USA-NYSE	BMG7496G1033	RNR:US
ROYAL BANK OF SCOTLAND GROUP (RBS)	GBR-LSE	GB00B7T77214	RBS:LN
ROYAL BANK OF SCOT-SPON ADR (ROYAL BANK-S)	USA-NYSE	US7800976893	RBS:US
RSA INSURANCE GROUP PLC (RSAINSURANCE)	GBR-LSE	GB00BKKMKR23	RSA:LN
S&P GLOBAL INC (S&P GLOBAL)	USA-NYSE	US78409V1044	SPGI:US
SBERBANK PJSC -SPONSORED ADR (SBERBANK)	USA-NASDAQ	US80585Y3080	SBRCY:US
SCHRODERS PLC (SCHRODERS)	GBR-LSE	GB0002405495	SDR:LN
SCHWAB (CHARLES) CORP (SCHWAB)	USA-NYSE	US8085131055	SCHW:US
SEACOAST BANKING CORP/FL (SEACOASTBANK)	USA-NASDAQ	US8117078019	SBCF:US
SEI INVESTMENTS COMPANY (SEI INVESTME)	USA-NASDAQ	US7841171033	SEIC:US
SELECTIVE INSURANCE GROUP (SELECT INS G)	USA-NASDAQ	US8163001071	SIGI:US
SIGNATURE BANK (SIGNATURE BA)	USA-NASDAQ	US82669G1040	SBNY:US
SIMMONS FIRST NATL CORP-CL A (SIMMONSFIRST)	USA-NASDAQ	US8287302009	SFNC:US
SLM CORP (SLM CORP)	USA-NASDAQ	US78442P1066	SLM:US
SOCIETE GENERALE SA (SOCIETE GNRL)	DEU-XETRA	FR0000130809	SGE:GR
SOUTH STATE CORP (SOUTH STATE )	USA-NASDAQ	US8404411097	SSB:US
ST JAMES'S PLACE PLC (STJAMESPLACE)	GBR-LSE	GB0007669376	STJ:LN
STANDARD CHARTERED PLC (STANDARD CHA)	GBR-LSE	GB0004082847	STAN:LN
STATE STREET CORP (STATE STREET)	USA-NYSE	US8574771031	STT:US
SUMITOMO MITSUI-SPONS ADR (SUMITOMO MIT)	USA-NYSE	US86562M2098	SMFG:US
SUNTRUST BANKS INC (SUNTRUSTBANK)	USA-NYSE	US8679141031	STI:US
SVB FINANCIAL GROUP (SVB FINANCIA)	USA-NASDAQ	US78486Q1013	SIVB:US
SWISS RE AG (SWISS RE AG)	DEU-XETRA	CH0126881561	SR9:GR
SYNCHRONY FINANCIAL (SYNCHRONY FI)	USA-NYSE	US87165B1035	SYF:US
T ROWE PRICE GROUP INC (T ROWE PRICE)	USA-NASDAQ	US74144T1088	TROW:US
TALANX AG (TALANX AG)	DEU-XETRA	DE000TLX1005	TLX:GR
TD AMERITRADE HOLDING CORP (TD AMERITRAD)	USA-NASDAQ	US87236Y1082	AMTD:US
TEXAS CAPITAL BANCSHARES INC (TEXASCAPITAL)	USA-NASDAQ	US88224Q1076	TCBI:US
TORCHMARK CORP (TORCHMARK CO)	USA-NYSE	US8910271043	TMK:US
TRAVELERS COS INC/THE (TRAVELERS)	USA-NYSE	US89417E1091	TRV:US
TRIUMPH BANCORP INC (TRIUMPH BANC)	USA-NASDAQ	US89679E3009	TBK:US
TRUPANION INC (TRUPANION IN)	USA-NASDAQ	US8982021060	TRUP:US
TRUSTMARK CORP (TRUSTMARK)	USA-NASDAQ	US8984021027	TRMK:US
UBS GROUP AG-REG (UBS GROUP AG)	DEU-XETRA	CH0244767585	OUB:GR
UMB FINANCIAL CORP (UMBFINANCIAL)	USA-NASDAQ	US9027881088	UMBF:US
UMPQUA HOLDINGS CORP (UMPQUA HOLDI)	USA-NASDAQ	US9042141039	UMPQ:US
UNICREDIT SPA (UNICREDIT)	DEU-XETRA	IT0005239360	CRIN:GR
UNION BANKSHARES CORP (UNION BANKSH)	USA-NASDAQ	US90539J1097	UBSH:US
UNITED BANKSHARES INC (UNITED BANKS)	USA-NASDAQ	US9099071071	UBSI:US
UNITED COMMUNITY BANKS/GA (UNITED COMMU)	USA-NASDAQ	US90984P3038	UCBI:US
UNUM GROUP (UNUM GROUP)	USA-NYSE	US91529Y1064	UNM:US
US BANCORP (US BANCORP)	USA-NYSE	US9029733048	USB:US
VIRTU FINANCIAL INC-CLASS A (VIRTU FIN)	USA-NASDAQ	US9282541013	VIRT:US
VTB BANK JSC -GDR-REG S (VTBBANK PJSC)	DEU-XETRA	US46630Q2021	KYMI1:GR
WASHINGTON FEDERAL INC (WASH FED)	USA-NASDAQ	US9388241096	WAFD:US
WEBSTER FINANCIAL CORP (WEBSTER FIN)	USA-NYSE	US9478901096	WBS:US
WELLS FARGO & CO (WELLS FARGO )	USA-NYSE	US9497461015	WFC:US
WHITE MOUNTAINS INSURANCE GP (WHITE MOUNTA)	USA-NYSE	BMG9618E1075	WTM:US
WILLIS TOWERS WATSON PLC (WILLIS TOWER)	USA-NASDAQ	IE00BDB6Q211	WLTW:US
WINTRUST FINANCIAL CORP (WINTRUST FIN)	USA-NASDAQ	US97650W1080	WTFC:US
WISDOMTREE INVESTMENTS INC (WISDOMTREE)	USA-NASDAQ	US97717P1049	WETF:US
WORLD ACCEPTANCE CORP (WORLD ACCEPT)	USA-NASDAQ	US9814191048	WRLD:US
WR BERKLEY CORP (WR BERKLEY)	USA-NYSE	US0844231029	WRB:US
WSFS FINANCIAL CORP (WSFS FINANCI)	USA-NASDAQ	US9293281021	WSFS:US
WUESTENROT & WUERTTEMBERG (WUESTENROT)	DEU-XETRA	DE0008051004	WUW:GR
YIRENDAI LTD - ADR (YIRENDAI LTD)	USA-NYSE	US98585L1008	YRD:US

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ZIONS BANCORP NA (ZIONSBANCORP)	USA-NASDAQ	US9897011071	ZION:US

## Health Care

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ABBOTT LABORATORIES (ABBOTT LABS)	USA-NYSE	US0028241000	ABT:US
ABBVIE INC (ABBVIE INC)	USA-NYSE	US00287Y1091	ABBV:US
ABIOMED INC (ABIOMED INC)	USA-NASDAQ	US0036541003	ABMD:US
ACADIA HEALTHCARE CO INC (ACADIAHEALTH)	USA-NASDAQ	US00404A1097	ACHC:US
ACADIA PHARMACEUTICALS INC (ACADIA PHARM)	USA-NASDAQ	US0042251084	ACAD:US
ACCELERON PHARMA INC (ACCELERON PH)	USA-NASDAQ	US00434H1086	XLRN:US
ACHILLION PHARMACEUTICALS (ACHILLION PH)	USA-NASDAQ	US00448Q2012	ACHN:US
ACORDA THERAPEUTICS INC (ACORDA THERA)	USA-NASDAQ	US00484M1062	ACOR:US
ADAMAS PHARMACEUTICALS INC (ADAMAS PHARM)	USA-NASDAQ	US00548A1060	ADMS:US
ADDUS HOMECARE CORP (ADDUS HOMECA)	USA-NASDAQ	US0067391062	ADUS:US
AERIE PHARMACEUTICALS INC (AERIE PHARMA)	USA-NASDAQ	US00771V1089	AERI:US
AGILENT TECHNOLOGIES INC (AGILENT TECH)	USA-NYSE	US00846U1016	A:US
AGIOS PHARMACEUTICALS INC (AGIOS PHARMA)	USA-NASDAQ	US00847X1046	AGIO:US
AIMMUNE THERAPEUTICS INC (AIMMUNE THER)	USA-NASDAQ	US00900T1079	AIMT:US
AKARI THERAPEUTICS PLC-ADR (AKARI THERAP)	USA-NASDAQ	US00972G1085	AKTX:US
AKCEA THERAPEUTICS INC (AKCEA THERAP)	USA-NASDAQ	US00972L1070	AKCA:US
AKEBIA THERAPEUTICS INC (AKEBIA INC)	USA-NASDAQ	US00972D1054	AKBA:US
AKORN INC (AKORN INC)	USA-NASDAQ	US0097281069	AKRX:US
ALDER BIOPHARMACEUTICALS INC (ALDER BIOPHA)	USA-NASDAQ	US0143391052	ALDR:US
ALDEYRA THERAPEUTICS INC (ALDEYRA THER)	USA-NASDAQ	US01438T1060	ALDX:US
ALEXION PHARMACEUTICALS INC (ALEXION PHAR)	USA-NASDAQ	US0153511094	ALXN:US
ALIGN TECHNOLOGY INC (ALIGN TECHNO)	USA-NASDAQ	US0162551016	ALGN:US
ALKERMES PLC (ALKERMES PLC)	USA-NASDAQ	IE00B56GVS15	ALKS:US
ALLERGAN PLC (ALLERGAN PLC)	USA-NYSE	IE00BY9D5467	AGN:US
ALLSCRIPTS HEALTHCARE SOLUTI (ALLSCRIPTS H)	USA-NASDAQ	US01988P1084	MDRX:US
ALNYLAM PHARMACEUTICALS INC (ALNYLAM PHAR)	USA-NASDAQ	US02043Q1076	ALNY:US
AMAG PHARMACEUTICALS INC (AMAG PHARMAC)	USA-NASDAQ	US00163U1060	AMAG:US
AMARIN CORP PLC -ADR (AMARIN CORP)	USA-NASDAQ	US0231112063	AMRN:US
AMEDISYS INC (AMEDISYS INC)	USA-NASDAQ	US0234361089	AMED:US
AMERISOURCEBERGEN CORP (AMERISOURCEB)	USA-NYSE	US03073E1055	ABC:US
AMGEN INC (AMGEN INC)	USA-NASDAQ	US0311621009	AMGN:US
AMICUS THERAPEUTICS INC (AMICUS THERA)	USA-NASDAQ	US03152W1099	FOLD:US
AMN HEALTHCARE SERVICES INC (AMN HEALTHCA)	USA-NYSE	US0017441017	AMN:US
AMNEAL PHARMACEUTICALS INC (AMNEAL PHARM)	USA-NYSE	US03168L1052	AMRX:US
ANAPTYSBIO INC (ANAPTYSBIO)	USA-NASDAQ	US0327241065	ANAB:US
ANTARES PHARMA INC (ANTARES PHAR)	USA-NASDAQ	US0366421065	ATRS:US
ANTHEM INC (ANTHEM INC)	USA-NYSE	US0367521038	ANTM:US
ARENA PHARMACEUTICALS INC (ARENA PHARMA)	USA-NASDAQ	US0400476075	ARNA:US
ARQLE INC (ARQLE INC)	USA-NASDAQ	US04269E1073	ARQL:US
ARRAY BIOPHARMA INC (ARRAY BIOPHA)	USA-NASDAQ	US04269X1054	ARRY:US
ARROWHEAD PHARMACEUTICALS IN (ARROWHEAD PH)	USA-NASDAQ	US04280A1007	ARWR:US
ARVINAS INC (ARVINAS INC)	USA-NASDAQ	US04335A1051	ARVN:US
ASSEMBLY BIOSCIENCES INC (ASSEMBLY BIO)	USA-NASDAQ	US0453961080	ASMB:US
ASTRAZENECA PLC (ASTRAZENECA )	GBR-LSE	GB0009895292	AZN:LN
ASTRAZENECA PLC-SPONS ADR (ASTRAZENECA)	USA-NYSE	US0463531089	AZN:US
ATARA BIOTHERAPEUTICS INC (ATARA BIOTHE)	USA-NASDAQ	US0465131078	ATRA:US
ATHENAHEALTH INC (ATHENAHEALTH)	USA-NASDAQ	US04685W1036	ATHN:US
ATHENEX INC (ATHENEX INC)	USA-NASDAQ	US04685N1037	ATNX:US
AUDENTES THERAPEUTICS INC (AUDENTES THE)	USA-NASDAQ	US05070R1041	BOLD:US
AURINIA PHARMACEUTICALS INC (AURINIA PHAR)	USA-NASDAQ	CA05156V1022	AUPH:US
AURORA CANNABIS INC (AURORA CAN)	USA-NASDAQ	CA05156X1087	ACB:US
AVANOS MEDICAL INC (AVANOS MEDIC)	USA-NYSE	US05350V1061	AVNS:US
AXOGEN INC (AXOGEN INC)	USA-NASDAQ	US05463X1063	AXGN:US
AXOVANT SCIENCES LTD (AXOVANT SCI)	USA-NASDAQ	BMG0750W1047	AXON:US
BAUSCH HEALTH COS INC (BAUSCH INC)	USA-NYSE	CA0717341071	BHC:US
BAXTER INTERNATIONAL INC (BAXTER INTL )	USA-NYSE	US0718131099	BAX:US
BAYER AG-REG (BAYER AG-REG)	DEU-XETRA	DE000BAY0017	BAYN:GR
BECTON DICKINSON AND CO (BECTON DICKI)	USA-NYSE	US0758871091	BDX:US
BEIGENE LTD-ADR (BEIGENE LTD)	USA-NASDAQ	US07725L1026	BGNE:US
BEIGENE LTD-ADR (BEIGENE LTD)	USA-NASDAQ	US07725L1026	BGNE:US
BIOCRIST PHARMACEUTICALS INC (BIOCRYST)	USA-NASDAQ	US09058V1035	BCRX:US
BIOGEN INC (BIOGEN INC)	USA-NASDAQ	US09062X1037	BIIB:US
BIOMARIN PHARMACEUTICAL INC (BIOMARIN PHA)	USA-NASDAQ	US09061G1013	BMRN:US
BIO-RAD LABORATORIES-A (BIO-RAD LABS)	USA-NYSE	US0905722072	BIO:US
BIO-TECHNE CORP (BIO-TECHNE)	USA-NASDAQ	US09073M1045	TECH:US
BIOTELEMETRY INC (BIOTELEMETRY)	USA-NASDAQ	US0906721065	BEAT:US
BIOTEST AG-VORZUGSAKTIE (BIOTEST AG-P)	DEU-XETRA	DE0005227235	BIO3:GR



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BLUEBIRD BIO INC (BLUEBIRD BIO)	USA-NASDAQ	US09609G1004	BLUE:US
BLUEPRINT MEDICINES CORP (BLUEPRINT ME)	USA-NASDAQ	US09627Y1091	BPMC:US
BOSTON SCIENTIFIC CORP (BOSTON SCIEN)	USA-NYSE	US1011371077	BSX:US
BRISTOL-MYERS SQUIBB CO (BRISTOL-MYER)	USA-NYSE	US1101221083	BMJ:US
BROOKDALE SENIOR LIVING INC (BROOKDALE)	USA-NYSE	US1124631045	BKD:US
BRUKER CORP (BRUKER CORP)	USA-NASDAQ	US1167941087	BRKR:US
CALITHERA BIOSCIENCES INC (CALITHERA)	USA-NASDAQ	US13089P1012	CALA:US
CAMBREX CORP (CAMBREX CORP)	USA-NYSE	US1320111073	CBM:US
CANTEL MEDICAL CORP (CANTEL MEDIC)	USA-NYSE	US1380981084	CMD:US
CARA THERAPEUTICS INC (CARA THERAPE)	USA-NASDAQ	US1407551092	CARA:US
CARDINAL HEALTH INC (CARDINAL HEA)	USA-NYSE	US14149Y1082	CAH:US
CARDIOVASCULAR SYSTEMS INC (CARDIOVASCUL)	USA-NASDAQ	US1416191062	CSII:US
CAREDX INC (CAREDX INC)	USA-NASDAQ	US14167L1035	CDNA:US
CATALENT INC (CATALENT INC)	USA-NYSE	US1488061029	CTLT:US
CATALYST BIOSCIENCES INC (CATALYST BIO)	USA-NASDAQ	US14888D2080	CBIO:US
CELGENE CORP (CELGENE CORP)	USA-NASDAQ	US1510201049	CELG:US
CENTENE CORP (CENTENE CORP)	USA-NYSE	US15135B1017	CNC:US
CERNER CORP (CERNER CORP)	USA-NASDAQ	US1567821046	CERN:US
CHARLES RIVER LABORATORIES (CHARLES RIVE)	USA-NYSE	US1598641074	CRL:US
CHEMED CORP (CHEMED CORP)	USA-NYSE	US16359R1032	CHE:US
CHIMERIX INC (CHIMERIX INC)	USA-NASDAQ	US16934W1062	CMRX:US
CHINA BIOLOGIC PRODUCTS HOLD (CHINA BIOLOG)	USA-NASDAQ	KYG215151047	CBPO:US
CIGNA HOLDING CO (CIGNA CORP)	USA-NYSE	US1255091092	CI:US
CLOVIS ONCOLOGY INC (CLOVIS ONCOL)	USA-NASDAQ	US1894641000	CLVS:US
COHERUS BIOSCIENCES INC (COHERUS BIOS)	USA-NASDAQ	US19249H1032	CHRS:US
COLLEGIUM PHARMACEUTICAL INC (COLLEGIUM PH)	USA-NASDAQ	US19459J1043	COLL:US
CONATUS PHARMACEUTICALS INC (CONATUS PHAR)	USA-NASDAQ	US20600T1088	CNAT:US
CONMED CORP (CONMED CORP)	USA-NASDAQ	US2074101013	CNMD:US
COOPER COS INC/THE (COOPER COS)	USA-NYSE	US2166484020	COO:US
CORBUS PHARMACEUTICALS HOLDI (CORBUS PHARM)	USA-NASDAQ	US21833P1030	CRBP:US
CORCEPT THERAPEUTICS INC (CORCEPT THER)	USA-NASDAQ	US2183521028	CORT:US
CRISPR THERAPEUTICS AG (CRISPR THERA)	USA-NASDAQ	CH0334081137	CRSP:US
CVS HEALTH CORP (CVS HEALTH)	USA-NYSE	US1266501006	CVS:US
CYMABAY THERAPEUTICS INC (CYMABAY THER)	USA-NASDAQ	US23257D1037	CBAY:US
CYTOMX THERAPEUTICS INC (CYTOMX THERA)	USA-NASDAQ	US23284F1057	CTMX:US
DANAHER CORP (DANAHER CORP)	USA-NYSE	US2358511028	DHR:US
DAVITA INC (DAVITAHEALTH)	USA-NYSE	US23918K1088	DVA:US
DENTSPLY SIRONA INC (DENTSPLY SIR)	USA-NASDAQ	US24906P1093	XRAY:US
DERMIRA INC (DERMIRA INC)	USA-NASDAQ	US24983L1044	DERM:US
DEXCOM INC (DEXCOM INC)	USA-NASDAQ	US2521311074	DXCM:US
DIPLOMAT PHARMACY INC (DIPLOMAT PHA)	USA-NYSE	US25456K1016	DPLO:US
DR. REDDY'S LABORATORIES-ADR (DR REDDY'S)	USA-NYSE	US2561352038	RDY:US
DYNAVAX TECHNOLOGIES CORP (DYNAVAX TECH)	USA-NASDAQ	US2681582019	DVAX:US
EAGLE PHARMACEUTICALS INC (EAGLE PHARMA)	USA-NASDAQ	US2697961082	EGRX:US
ECKERT & ZIEGLER STRAHLEN UN (ECKERT&ZIEGL)	DEU-XETRA	DE0005659700	EUZ:GR
EDITAS MEDICINE INC (EDITAS MEDIC)	USA-NASDAQ	US28106W1036	EDIT:US
EDWARDS LIFESCIENCES CORP (EDWARDS LIFE)	USA-NYSE	US28176E1082	EW:US
ELI LILLY & CO (ELI LILLY )	USA-NYSE	US5324571083	LLY:US
EMERGENT BIOSOLUTIONS INC (EMERGENT BIO)	USA-NYSE	US29089Q1058	EBS:US
ENANTA PHARMACEUTICALS INC (ENANTA PHARM)	USA-NASDAQ	US29251M1062	ENTA:US
ENCOMPASS HEALTH CORP (ENCOMPASS)	USA-NYSE	US29261A1007	EHC:US
ENDO INTERNATIONAL PLC (ENDO INTL)	USA-NASDAQ	IE00B3J9050	ENDP:US
ENDOLOGIX INC (ENDOLOGIX)	USA-NASDAQ	US29266S1069	ELGX:US
ENSIGN GROUP INC/THE (ENSIGN GROUP)	USA-NASDAQ	US29358P1012	ENSG:US
EPIZYME INC (EPIZYME INC)	USA-NASDAQ	US29428V1044	EPZM:US
ESPERION THERAPEUTICS INC (ESPERION THE)	USA-NASDAQ	US29664W1053	ESPR:US
EVOLENT HEALTH INC - A (EVOLENTHEALH)	USA-NYSE	US30050B1017	EVH:US
EVOLUS INC (EVOLUS INC)	USA-NASDAQ	US30052C1071	EOLS:US
EXACT SCIENCES CORP (EXACT SCIENC)	USA-NASDAQ	US30063P1057	EXAS:US
EXELIXIS INC (EXELIXIS INC)	USA-NASDAQ	US30161Q1040	EXEL:US
FIBROGEN INC (FIBROGEN INC)	USA-NASDAQ	US31572Q8087	FGEN:US
FIVE PRIME THERAPEUTICS INC (FIVEPRIMETHE)	USA-NASDAQ	US33830X1046	FPRX:US
FLEXION THERAPEUTICS INC (FLEXION THER)	USA-NASDAQ	US33938J1060	FLXN:US
FRESENIUS MEDICAL CARE AG & (FRESENIUS ME)	DEU-XETRA	DE0005785802	FME:GR
FRESENIUS SE & CO KGAA (FRESENIUS SE)	DEU-XETRA	DE0005785604	FRE:GR
G1 THERAPEUTICS INC (G1 THERAPEUT)	USA-NASDAQ	US3621LQ1099	GTHX:US
GENOCEA BIOSCIENCES INC (GENOCEA BIOS)	USA-NASDAQ	US3724271040	GNCA:US
GENOMIC HEALTH INC (GENOMIC)	USA-NASDAQ	US37244C1018	GHDX:US
GERRESHEIMER AG (GERRESHEIMER)	DEU-XETRA	DE000A0LD6E6	GXI:GR
GILEAD SCIENCES INC (GILEAD SCIEN)	USA-NASDAQ	US3755581036	GILD:US
GLAUKOS CORP (GLAUKOS CORP)	USA-NYSE	US3773221029	GKOS:US
GLAXOSMITHKLINE PLC (GLAXOSMITHKL)	GBR-LSE	GB0009252882	GSK:LN
GLAXOSMITHKLINE PLC-SPON ADR (GLAXOSMITHKL)	USA-NYSE	US37733W1053	GSK:US
GLOBAL BLOOD THERAPEUTICS IN (GLOBAL BLOOD)	USA-NASDAQ	US37890U1088	GBT:US
GLOBUS MEDICAL INC - A (GLOBUS MEDIC)	USA-NYSE	US3795772082	GMED:US

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GRIFOLS SA-ADR (GRIFOLS SA)	USA-NASDAQ	US3984384087	GRFS:US
GTX INC (GTX INC)	USA-NASDAQ	US40052B2079	GTXI:US
GW PHARMACEUTICALS -ADR (GW PHARMA)	USA-NASDAQ	US3619771034	GWPH:US
HAEMONETICS CORP/MASS (HAEMONETICS )	USA-NYSE	US4050241003	HAE:US
HALOZYME THERAPEUTICS INC (HALOZYME THE)	USA-NASDAQ	US40637H1095	HALO:US
HCA HEALTHCARE INC (HCA HOLDINGS)	USA-NYSE	US40412C1018	HCA:US
HEALTH EQUITY INC (HEALTH EQUITY)	USA-NASDAQ	US42226A1079	HQY:US
HELIX BIOPHARMA CORP (HELIX BIOPHA)	DEU-XETRA	CA4229101098	HBP:GR
HENRY SCHEIN INC (HENRY SCHEIN)	USA-NASDAQ	US8064071025	HSIC:US
HERON THERAPEUTICS INC (HERON THERAP)	USA-NASDAQ	US4277461020	HRTX:US
HIKMA PHARMACEUTICALS PLC (HIKMA PHARMA)	GBR-LSE	GB00B0LCW083	HIK:LN
HILL-ROM HOLDINGS INC (HILL-ROM HOL)	USA-NYSE	US4314751029	HRC:US
HMS HOLDINGS CORP (HMS HOLDINGS)	USA-NASDAQ	US40425J1016	HMSY:US
HOLOGIC INC (HOLOGIC INC)	USA-NASDAQ	US4364401012	HALO:US
HORIZON PHARMA PLC (HORIZONPHARM)	USA-NASDAQ	IE00BQPVQZ61	HZNP:US
HUMANA INC (HUMANA INC)	USA-NYSE	US4448591028	HUM:US
ICON PLC (ICON PLC)	USA-NASDAQ	IE0005711209	ICLR:US
ICU MEDICAL INC (ICU MEDICAL)	USA-NASDAQ	US44930G1076	ICUI:US
IDEXX LABORATORIES INC (IDEXX LABS)	USA-NASDAQ	US45168D1046	IDXX:US
ILLUMINA INC (ILLUMINA INC)	USA-NASDAQ	US4523271090	ILMN:US
IMMUNOGEN INC (IMMUNOGEN)	USA-NASDAQ	US45253H1014	IMGN:US
IMMUNOMEDICS INC (IMMUNOMEDICS)	USA-NASDAQ	US4529071080	IMMU:US
IMMUPHARMA PLC (IMMUPHARMA)	GBR-LSE	GB0033711010	IMM:LN
INCYTE CORP (INCYTE CORP)	USA-NASDAQ	US45337C1027	INCY:US
INNOVIVA INC (INNOVIVA INC)	USA-NASDAQ	US45781M1018	INVA:US
INOGEN INC (INOGEN INC)	USA-NASDAQ	US45780L1044	INGN:US
INOVALON HOLDINGS INC - A (INOVALON-A)	USA-NASDAQ	US45781D1019	INOV:US
INOVIO PHARMACEUTICALS INC (INOVIO PHARM)	USA-NASDAQ	US45773H2013	INO:US
INSMED INC (INSMED INC)	USA-NASDAQ	US4576693075	INSM:US
INSPIRE MEDICAL SYSTEMS INC (INSPIRE MEDI)	USA-NYSE	US4577301090	INSP:US
INSPIREMD INC (INSPIREMD)	USA-NYSE	US45779A8615	INSPR:US
INSULET CORP (INSULET CORP)	USA-NASDAQ	US45784P1012	PODD:US
INSYS THERAPEUTICS INC (INSYS THERAP)	USA-NASDAQ	US45824V2097	INSY:US
INTEGER HOLDINGS CORP (INTEGER HOLD)	USA-NYSE	US45826H1095	ITGR:US
INTEGRA LIFESCIENCES HOLDING (INTEGRA LIFE)	USA-NASDAQ	US4579852082	IART:US
INTELLIA THERAPEUTICS INC (INTELLIA THE)	USA-NASDAQ	US45826J1051	NTLA:US
INTERCEPT PHARMACEUTICALS IN (INTERCEPT PH)	USA-NASDAQ	US45845P1084	ICPT:US
INTERSECT ENT INC (INTERSECTENT)	USA-NASDAQ	US46071F1030	XENT:US
INTRA-CELLULAR THERAPIES INC (INTRA-CELLUL)	USA-NASDAQ	US46116X1019	ITCI:US
INTREXON CORP (INTREXON)	USA-NYSE	US46122T1025	XON:US
INTRICON CORP (INTRICON)	USA-NASDAQ	US46121H1095	IIN:US
INTUITIVE SURGICAL INC (INTUITIVE SU)	USA-NASDAQ	US46120E6023	ISRG:US
INVITAE CORP (INVITAE CORP)	USA-NYSE	US46185L1035	NVTA:US
IONIS PHARMACEUTICALS INC (IONIS PHARMA)	USA-NASDAQ	US4622221004	IONS:US
IOVANCE BIOTHERAPEUTICS INC (IOVANCE BIO)	USA-NASDAQ	US4622601007	IOVA:US
IQVIA HOLDINGS INC (IQVIA HOLDIN)	USA-NYSE	US46266C1053	IQV:US
IRHYTHM TECHNOLOGIES INC (IRHYTHM TECH)	USA-NASDAQ	US4500561067	IRTC:US
IRONWOOD PHARMACEUTICALS INC (IRONWOOD PHA)	USA-NASDAQ	US46333X1081	IRWD:US
JAZZ PHARMACEUTICALS PLC (JAZZ PHARMAC)	USA-NASDAQ	IE00B4Q5ZN47	JAZZ:US
JOHNSON & JOHNSON (JOHNSON&JOHN)	USA-NYSE	US4781601046	JNJ:US
KALVISTA PHARMACEUTICALS INC (KALVISTA PHA)	USA-NASDAQ	US4834971032	KALV:US
LA JOLLA PHARMACEUTICAL CO (LA JOLLA PHA)	USA-NASDAQ	US5034596040	LJPC:US
LABORATORY CRP OF AMER HLDGS (LABORATORY)	USA-NYSE	US50540R4092	LH:US
LEXICON PHARMACEUTICALS INC (LEXICON PHAR)	USA-NASDAQ	US5288723027	LXRX:US
LHC GROUP INC (LHC GROUP)	USA-NASDAQ	US50187A1079	LHCG:US
LIGAND PHARMACEUTICALS (LIGAND PHARM)	USA-NASDAQ	US53220K5048	LGND:US
LIVANOVA PLC (LIVANOVA PLC)	USA-NASDAQ	GB00BYMT0J19	LIVN:US
LOXO ONCOLOGY INC (LOXO ONCOLOG)	USA-NASDAQ	US5488621013	LOXO:US
LUMINEX CORP (LUMINEX CORP)	USA-NASDAQ	US55027E1029	LMNX:US
MADRIGAL PHARMACEUTICALS INC (MADRIGAL PHA)	USA-NASDAQ	US5588681057	MDGL:US
MAGELLAN HEALTH INC (MAGELLAN HEA)	USA-NASDAQ	US5590792074	MGLN:US
MALLINCKRODT PLC (MALLINCKRODT)	USA-NYSE	IE00BBGT3753	MNK:US
MANNKIND CORP (MANNKIND COR)	USA-NASDAQ	US56400P7069	MNKD:US
MARINUS PHARMACEUTICALS INC (MARINUS PHAR)	USA-NASDAQ	US56854Q1013	MRNS:US
MASIMO CORP (MASIMO CORP)	USA-NASDAQ	US5747951003	MASI:US
MCKESSON CORP (MCKESSON)	USA-NYSE	US58155Q1031	MCK:US
MEDICINES COMPANY (MEDICINES)	USA-NASDAQ	US5846881051	MDCO:US
MEDICLINIC INTERNATIONAL PLC (MEDICLINIC)	GBR-LSE	GB00B8HX8Z88	MDC:LN
MEDIDATA SOLUTIONS INC (MEDIDATA SOL)	USA-NASDAQ	US58471A1051	MDSO:US
MEDNAX INC (MEDNAX INC)	USA-NYSE	US58502B1061	MD:US
MEDPACE HOLDINGS INC (MEDPACE HOLD)	USA-NASDAQ	US58506Q1094	MEDP:US
MEDTRONIC PLC (MEDTRONIC)	USA-NYSE	IE00BTN1Y115	MDT:US
MEI PHARMA INC (MEI PHARMA)	USA-NASDAQ	US55279B2025	MEIP:US
MERCK & CO. INC. (MERCK & CO)	USA-NYSE	US58933Y1055	MRK:US
MERCK KGAA (MERCK KGAA)	DEU-XETRA	DE0006599905	MRK:GR

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MERIT MEDICAL SYSTEMS INC (MERIT MEDICA)	USA-NASDAQ	US5898891040	MMSI:US
METTLER-TOLEDO INTERNATIONAL (METTLER TOLE)	USA-NYSE	US5926881054	MTD:US
MIMEDX GROUP INC (MIMEDX GROUP)	USA-NASDAQ	US6024961012	MDXG:US
MIRATI THERAPEUTICS INC (MIRATI THERA)	USA-NASDAQ	US60468T1051	MRTX:US
MOLINA HEALTHCARE INC (MOLINA HEALT)	USA-NYSE	US60855R1005	MOH:US
MOMENTA PHARMACEUTICALS INC (MOMENTA INC)	USA-NASDAQ	US60877T1007	MNTA:US
MYLAN NV (MYLAN NV)	USA-NASDAQ	NL0011031208	MYL:US
MYOKARDIA INC (MYOKARDIA)	USA-NASDAQ	US62857M1053	MYOK:US
MYRIAD GENETICS INC (MYRIAD GENET)	USA-NASDAQ	US62855J1043	MYGN:US
NATERA INC (NATERA INC)	USA-NASDAQ	US6323071042	NTRA:US
NATUS MEDICAL INC (NATUS MEDICA)	USA-NASDAQ	US6390501038	BABY:US
NEKTAR THERAPEUTICS (NEKTAR THERA)	USA-NASDAQ	US6402681083	NKTR:US
NEOGEN CORP (NEOGEN CORP)	USA-NASDAQ	US6404911066	NEOG:US
NEOGENOMICS INC (NEOGENOMICS )	USA-NASDAQ	US64049M2098	NEO:US
NEUROCRINE BIOSCIENCES INC (NEUROCRINE)	USA-NASDAQ	US64125C1099	NBIX:US
NEUROTROPE INC (NEUROTROPE )	USA-NASDAQ	US64129T2078	NTRP:US
NEVRO CORP (NEVRO CORP)	USA-NYSE	US64157F1030	NVRO:US
NOVAN INC (NOVAN INC)	USA-NASDAQ	US66988N1063	NOVN:US
NOVARTIS AG-REG (NOVARTIS AG)	DEU-XETRA	CH0012005267	NOT:GR
NOVARTIS AG-SPONSORED ADR (NOVARTIS AG)	USA-NYSE	US66987V1098	NVS:US
NOVAVAX INC (NOVAVAX INC)	USA-NASDAQ	US6700021040	NVAX:US
NOVOCURE LTD (NOVOCURE)	USA-NASDAQ	JE00BYSS4X48	NVCR:US
NOVO-NORDISK A/S-SPONS ADR (NOVO-NORDISK)	USA-NYSE	US6701002056	NVO:US
NUVASIVE INC (NUVASIVE INC)	USA-NASDAQ	US6707041058	NUVA:US
NXSTAGE MEDICAL INC (NXSTAGE MEDI)	USA-NASDAQ	US67072V1035	NXTM:US
OMEROS CORP (OMEROS CORP)	USA-NASDAQ	US6821431029	OMER:US
OMNICELL INC (OMNICELL INC)	USA-NASDAQ	US68213N1090	OMCL:US
OPHTHOTECH CORP (OPHTHOTECH)	USA-NASDAQ	US6837451037	OPHT:US
OPKO HEALTH INC (OPKO HEALTH)	USA-NASDAQ	US68375N1037	OPK:US
ORAMED PHARMACEUTICALS INC (ORAMED PHAR)	USA-NASDAQ	US68403P2039	ORMP:US
ORTHOFIX MEDICAL INC (ORTHOFIX MED)	USA-NASDAQ	US68752M1080	OFIX:US
OTONOMY INC (OTONOMY INC)	USA-NASDAQ	US68906L1052	OTIC:US
OWENS & MINOR INC (OWENS&MINOR)	USA-NYSE	US6907321029	OMI:US
PACIFIC BIOSCIENCES OF CALIF (PACIFIC BIOS)	USA-NASDAQ	US69404D1081	PACB:US
PACIRA PHARMACEUTICALS INC (PACIRA PHARM)	USA-NASDAQ	US6951271005	PCRX:US
PARATEK PHARMACEUTICALS INC (PARATEK PHAR)	USA-NASDAQ	US6993743029	PRTK:US
PATTERSON COS INC (PATTERSON)	USA-NASDAQ	US7033951036	PDCO:US
PENUMBRA INC (PENUMBRA INC)	USA-NYSE	US70975L1070	PEN:US
PERKINELMER INC (PERKINELMER )	USA-NYSE	US7140461093	PKI:US
PERRIGO CO PLC (PERRIGO CO )	USA-NYSE	IE00BGH1M568	PRGO:US
PETIQ INC (PETIQ INC)	USA-NASDAQ	US71639T1060	PETQ:US
PFIZER INC (PFIZER INC)	USA-NYSE	US7170811035	PFE:US
PORTOLA PHARMACEUTICALS INC (PORTOLA PHAR)	USA-NASDAQ	US7370101088	PTLA:US
PRA HEALTH SCIENCES INC (PRA HEALTH)	USA-NASDAQ	US69354M1080	PRAH:US
PREMIER INC-CLASS A (PREMIER INC)	USA-NASDAQ	US74051N1028	PINC:US
PROGENICS PHARMACEUTICALS (PROGENICS)	USA-NASDAQ	US7431871067	PGNX:US
PROTHENA CORP PLC (PROTHENA)	USA-NASDAQ	IE00B91XRN20	PRTA:US
PTC THERAPEUTICS INC (PTC THERAPEU)	USA-NASDAQ	US69366J2006	PTCT:US
PUMA BIOTECHNOLOGY INC (PUMA BIOTECH)	USA-NASDAQ	US74587V1070	PBYI:US
QIAGEN N.V. (QIAGEN NV)	USA-NYSE	NL0012169213	QGEN:US
QUEST DIAGNOSTICS INC (QUEST DIAGNO)	USA-NYSE	US74834L1008	DGX:US
QUIDEL CORP (QUIDEL CORP)	USA-NASDAQ	US74838J1016	QDEL:US
RADIUS HEALTH INC (RADIUS HEALT)	USA-NASDAQ	US7504692077	RDUS:US
REATA PHARMACEUTICALS INC-A (REATA PHARMA)	USA-NASDAQ	US75615P1030	RETA:US
REGENERON PHARMACEUTICALS (REGENERON PH)	USA-NASDAQ	US75886F1075	REGN:US
REGENXBIO INC (REGENXBIO)	USA-NASDAQ	US75901B1070	RGNX:US
REPLIGEN CORP (REPLIGEN COR)	USA-NASDAQ	US7599161095	RGEN:US
RETROPHIN INC (RETROPHIN)	USA-NASDAQ	US7612991064	RTRX:US
RHOEN-KLINIKUM AG (RHOEN-KLINIK)	DEU-XETRA	DE0007042301	RHK:GR
RIOT BLOCKCHAIN INC (RIOT BLOCKCH)	USA-NASDAQ	US7672921050	RIOT:US
ROCHE HOLDING AG-GENUSSCHEIN (ROCHE HOLD)	DEU-XETRA	CH0012032048	RH05:GR
SAGE THERAPEUTICS INC (SAGE THERAPE)	USA-NASDAQ	US78667J1088	SAGE:US
SANGAMO THERAPEUTICS INC (SANGAMO THER)	USA-NASDAQ	US8006771062	SGMO:US
SANOFI-ADR (SANOFI)	USA-NYSE	US80105N1054	SNY:US
SAREPTA THERAPEUTICS INC (SAREPTA THER)	USA-NASDAQ	US8036071004	SRPT:US
SEATTLE GENETICS INC (SEATTLE GENE)	USA-NASDAQ	US8125781026	SGEN:US
SESEN BIO INC (SESEN BIO)	USA-NASDAQ	US8177631053	SESN:US
SIEMENS HEALTHINEERS AG (SIEMENS HEAL)	DEU-XETRA	DE000SHL1006	SHL:GR
SMITH & NEPHEW PLC (SMITH&NEPHEW)	GBR-LSE	GB0009223206	SN:LN
SMITH & NEPHEW PLC -SPON ADR (SMITH&NEPHEW)	USA-NYSE	US83175M2052	SNN:US
SPARK THERAPEUTICS INC (SPARK THERAP)	USA-NASDAQ	US84652J1034	ONCE:US
SPECTRUM PHARMACEUTICALS INC (SPECTRUM PHA)	USA-NASDAQ	US84763A1088	SPPI:US
STAAR SURGICAL CO (STAAR SURGIC)	USA-NASDAQ	US8523123052	STAA:US
STADA ARZNEIMITTEL AG (STADA ARZNEI)	DEU-XETRA	DE0007251803	SAZ:GR
STERIS PLC (STERIS PLC)	USA-NYSE	GB00BVBC028	STE:US

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STRYKER CORP (STRYKER CORP)	USA-NYSE	US8636671013	SYK:US
SUPERNUS PHARMACEUTICALS INC (SUPERNUS PHA)	USA-NASDAQ	US8684591089	SUPN:US
SURMODICS INC (SURMODICS IN)	USA-NASDAQ	US8688731004	SRDX:US
SYNEOS HEALTH INC (SYNEOS HEALT)	USA-NASDAQ	US87166B1026	SYNH:US
SYNERGY PHARMACEUTICALS INC (SYNERGY PHAR)	USA-NASDAQ	US8716393082	SGYP:US
TABULA RASA HEALTHCARE INC (TABULA RASA )	USA-NASDAQ	US8733791011	TRHC:US
TACTILE SYSTEMS TECHNOLOGY I (TACTILE SYST)	USA-NASDAQ	US87357P1003	TCMD:US
TANDEM DIABETES CARE INC (TANDEM DIABE)	USA-NASDAQ	US8753722037	TNDM:US
TELADOC HEALTH INC (TELADOC INC)	USA-NYSE	US87918A1051	TDOC:US
TELEFLEX INC (TELEFLEX INC)	USA-NYSE	US8793691069	TFX:US
TENET HEALTHCARE CORP (TENET HEALTH)	USA-NYSE	US88033G4073	THC:US
TETRAPHASE PHARMACEUTICALS I (TETRAPHASE )	USA-NASDAQ	US88165N1054	TTPH:US
TEVA PHARMACEUTICAL-SP ADR (TEVA PHARM)	USA-NYSE	US8816242098	TEVA:US
TG THERAPEUTICS INC (TG THERAPEUT)	USA-NASDAQ	US88322Q1085	TGTX:US
THERAPEUTICSMID INC (THERAPEUTICS)	USA-NYSE	US88338N1072	TXMD:US
THERMO FISHER SCIENTIFIC INC (THERMOFISHER)	USA-NYSE	US8835561023	TMO:US
TILRAY INC-CLASS 2 COMMON (TILRAY INC)	USA-NASDAQ	US88688T1007	TLRY:US
TIVITY HEALTH INC (TIVITY HEALT)	USA-NASDAQ	US88870R1023	TVTY:US
TRANSENTERIX INC (TRANSENTERIX)	USA-NYSE	US89366M2017	TRXC:US
ULTRAGENYX PHARMACEUTICAL IN (ULTRAGENYX P)	USA-NASDAQ	US90400D1081	RARE:US
UNIQUIRE NV (UNIQUIRE NV)	USA-NASDAQ	NL0010696654	QURE:US
UNITED THERAPEUTICS CORP (UNITED THERA)	USA-NASDAQ	US91307C1027	UTHR:US
UNITEDHEALTH GROUP INC (UNITEDHEALTH)	USA-NYSE	US91324P1021	UNH:US
UNIVERSAL HEALTH SERVICES-B (UNIVERSAL HL)	USA-NYSE	US9139031002	UHS:US
VANDA PHARMACEUTICALS INC (VANDA PHARMA)	USA-NASDAQ	US9216591084	VNDA:US
VAREX IMAGING CORP (VAREX IMAGIN)	USA-NASDAQ	US92214X1063	VREX:US
VARIAN MEDICAL SYSTEMS INC (VARIAN MEDIC)	USA-NYSE	US92220P1057	VAR:US
VEEVA SYSTEMS INC-CLASS A (VEEVA SYS)	USA-NYSE	US9224751084	VEEV:US
VERASTEM INC (VERASTEM)	USA-NASDAQ	US92337C1045	VSTM:US
VERICEL CORP (VERICEL CORP)	USA-NASDAQ	US92346J1088	VEL:US
VERTEX PHARMACEUTICALS INC (VERTEX PHARM)	USA-NASDAQ	US92532F1003	VRTX:US
VIEWRAY INC (VIEWRAY INC)	USA-NASDAQ	US92672L1070	VRAY:US
VIKING THERAPEUTICS INC (VIKING THERA)	USA-NASDAQ	US92686J1060	VKTX:US
VITA 34 AG (VITA 34 AG)	DEU-XETRA	DE000A0BL849	V3V:GR
VITAL THERAPIES INC (VITAL THERAP)	USA-NASDAQ	US92847R1041	VTL:US
WATERS CORP (WATERS CORP)	USA-NYSE	US9418481035	WAT:US
WRIGHT MEDICAL GROUP NV (WRIGHT MEDIC)	USA-NASDAQ	NL0011327523	WMGI:US
XOMA CORP (XOMA CORP)	USA-NASDAQ	US98419J2069	XOMA:US
ZIMMER BIOMET HOLDINGS INC (ZIMMERBIOMET)	USA-NYSE	US98956P1021	ZBH:US
ZIOPHARM ONCOLOGY INC (ZIOPHARM)	USA-NASDAQ	US98973P1012	ZIOP:US
ZOETIS INC (ZOETIS INC)	USA-NYSE	US98978V1035	ZTS:US
ZOGENIX INC (ZOGENIX INC)	USA-NASDAQ	US98978L2043	ZGNX:US
ZYNERBA PHARMACEUTICALS INC (ZYNERBA PHAR)	USA-NASDAQ	US98986X1090	ZYNE:US

## Industrial

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
3M CO (3M CO)	USA-NYSE	US88579Y1010	MMM:US
51JOB INC-ADR (51JOB INC)	USA-NASDAQ	US3168271043	JOBS:US
ABB LTD-SPON ADR (ABB LTD)	USA-NYSE	US0003752047	ABB:US
ABM INDUSTRIES INC (ABM INDUST)	USA-NYSE	US0009571003	ABM:US
ACACIA RESEARCH CORP (ACACIA RESEA)	USA-NASDAQ	US0038813079	ACTG:US
ACUITY BRANDS INC (ACUITY BRAND)	USA-NYSE	US00508Y1029	AYI:US
ADT INC (ADT INC)	USA-NYSE	US00090Q1031	ADT:US
ADVANCED DISPOSAL SERVICES I (ADVANCED DIS)	USA-NYSE	US00790X1019	ADSW:US
AECOM (AECOM)	USA-NYSE	US00766T1007	ACM:US
AERCAP HOLDINGS NV (AERCAP HOLDI)	USA-NYSE	NL0000687663	AER:US
AEROJET ROCKETDYNE HOLDINGS (AEROJET INC)	USA-NYSE	US0078001056	AJRD:US
AEROVIRONMENT INC (AEROVIRONMEN)	USA-NASDAQ	US0080731088	AVAV:US
AGCO CORP (AGCO CORP)	USA-NYSE	US0010841023	AGCO:US
AIR LEASE CORP (AIR LEASE)	USA-NYSE	US00912X3026	AL:US
AIRBUS SE (AIRBUS GROUP)	DEU-XETRA	NL0000235190	AIR:GR
ALASKA AIR GROUP INC (ALASKA AIR)	USA-NYSE	US0116591092	ALK:US
ALBANY INTL CORP-CL A (ALBANY INTL )	USA-NYSE	US0123481089	AIN:US
ALEXCO RESOURCE CORP (ALEXCO RESOU)	DEU-XETRA	CA01535P1062	J6W:GR
ALLEGiant TRAVEL CO (ALLEGiant TR)	USA-NASDAQ	US01748X1028	ALGT:US
ALLEGION PLC (ALLEGION PLC)	USA-NYSE	IE00BFRT3W74	ALLE:US
ALLISON TRANSMISSION HOLDING (ALLISON TRAN)	USA-NYSE	US01973R1014	ALSN:US
ALTRA INDUSTRIAL MOTION CORP (ALTRA INDUST)	USA-NASDAQ	US02208R1068	AIMC:US
AMADEUS FIRE AG (AMADEUS FIRE)	DEU-XETRA	DE0005093108	AAD:GR
AMERCO (AMERCO)	USA-NASDAQ	US0235861004	UHAL:US
AMERICAN AIRLINES GROUP INC (AMER AIRLINES)	USA-NASDAQ	US02376R1023	AAL:US

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AMERICAN WOODMARK CORP (AMERWOODMARK)	USA-NASDAQ	US0305061097	AMWD:US
AMETEK INC (AMETEK INC)	USA-NYSE	US0311001004	AME:US
APOGEE ENTERPRISES INC (APOGEE ENTER)	USA-NASDAQ	US0375981091	APOG:US
APPLIED INDUSTRIAL TECH INC (APPLIED INDU)	USA-NYSE	US03820C1053	AIT:US
AQUA METALS INC (AQUA METALS )	USA-NASDAQ	US03837J1016	AQMS:US
ARCBEST CORP (ARCBEST CORP)	USA-NASDAQ	US03937C1053	ARCB:US
ARCONIC INC (ARCONIC INC)	USA-NYSE	US03965L1008	ARNC:US
ARGAN INC (ARGAN INC)	USA-NYSE	US04010E1091	AGX:US
ARMSTRONG WORLD INDUSTRIES (ARMSTRONG WO)	USA-NYSE	US04247X1028	AWI:US
AROTECH CORP (AROTECH CORP)	USA-NASDAQ	US0426822039	ARTX:US
ASGN INC (ASGN INC)	USA-NYSE	US00191U1025	ASGN:US
ASHTREAD GROUP PLC (ASHTREAD GRP)	GBR-LSE	GB0000536739	AHT:LN
ASTEC INDUSTRIES INC (ASTEC INDUST)	USA-NASDAQ	US0462241011	ASTE:US
ATKORE INTERNATIONAL GROUP I (ATKORE INTL)	USA-NYSE	US0476491081	ATKR:US
ATLAS AIR WORLDWIDE HOLDINGS (ATLAS AIR)	USA-NASDAQ	US0491642056	AAWW:US
AVIS BUDGET GROUP INC (AVIS BUDGET )	USA-NASDAQ	US0537741052	CAR:US
AXON ENTERPRISE INC (AXON ENTERPR)	USA-NASDAQ	US05464C1018	AAXN:US
BABCOCK INTL GROUP PLC (BABCOCK INTL)	GBR-LSE	GB0009697037	BAB:LN
BAE SYSTEMS PLC (BAE SYSTEMS )	GBR-LSE	GB0002634946	BA:LN
BARNES GROUP INC (BARNES GROUP)	USA-NYSE	US0678061096	B:US
BAYWA-BAYERISCHE WARENVERMIT (BAYWA AG-VIN)	DEU-XETRA	DE0005194062	BYW6:GR
BEACON ROOFING SUPPLY INC (BEACON ROOFI)	USA-NASDAQ	US0736851090	BECN:US
BEFESA SA (BEFESA SA)	DEU-XETRA	LU1704650164	BFSA:GR
BERTRANDT AG (BERTRANDT AG)	DEU-XETRA	DE0005232805	BDT:GR
BEST INC - ADR (BEST INC)	USA-NYSE	US08653C1062	BSTI:US
BILFINGER SE (BILFINGER SE)	DEU-XETRA	DE0005909006	GBF:GR
BLOOM ENERGY CORP- A (BLOOM ENERGY)	USA-NYSE	US0937121079	BE:US
BMC STOCK HOLDINGS INC (BMC STOCK)	USA-NASDAQ	US05591B1098	BMCH:US
BOEING CO/THE (BOEING CO)	USA-NYSE	US0970231058	BA:US
BRENTAG AG (BRENTAG AG)	DEU-XETRA	DE000A1DAH0	BNR:GR
BRIGHTVIEW HOLDINGS INC (BRIGHTVIEW)	USA-NYSE	US10948C1071	BV:US
BRINK'S CO/THE (BRINK'S CO)	USA-NYSE	US1096961040	BCO:US
BUILDERS FIRSTSOURCE INC (BUILDERS FIR)	USA-NASDAQ	US12008R1077	BLDR:US
BUNZL PLC (BUNZL PLC)	GBR-LSE	GB00B0744B38	BNZL:LN
BWX TECHNOLOGIES INC (BWX TECHNOLO)	USA-NYSE	US05605H1005	BWXT:US
C.H. ROBINSON WORLDWIDE INC (CH ROBINSON)	USA-NASDAQ	US12541W2098	CHRW:US
CAESARSTONE LTD (CAESARSTONE )	USA-NASDAQ	IL0011259137	CSTE:US
CAPITA PLC (CAPITA PLC)	GBR-LSE	GB00B23K0M20	CPI:LN
CARLISLE COS INC (CARLISLE COS)	USA-NYSE	US1423391002	CSL:US
CASELLA WASTE SYSTEMS INC-A (CASELLAWASTE)	USA-NASDAQ	US1474481041	CWST:US
CATERPILLAR INC (CATERPILLAR )	USA-NYSE	US1491231015	CAT:US
CEWE COLOR HOLDING AG (CEWESTIFTUNG)	DEU-XETRA	DE0005403901	CWC:GR
CHART INDUSTRIES INC (CHART INDUST)	USA-NASDAQ	US16115Q3083	GTLS:US
CIMPRESS NV (CIMPRESS NV)	USA-NASDAQ	NL0009272269	CMPR:US
CINTAS CORP (CINTAS CORP)	USA-NASDAQ	US1729081059	CTAS:US
CLEAN HARBORS INC (CLEAN HARBOR)	USA-NYSE	US1844961078	CLH:US
COLFAX CORP (COLFAX CORP)	USA-NYSE	US1940141062	CFX:US
COMFORT SYSTEMS USA INC (COMFORT SYST)	USA-NYSE	US1999081045	FIX:US
CONTINENTAL BUILDING PRODUCT (CONTINENTAL )	USA-NYSE	US2111711030	CBPX:US
COPART INC (COPART INC)	USA-NASDAQ	US2172041061	CPRT:US
COSTAR GROUP INC (COSTAR GROUP)	USA-NASDAQ	US22160N1090	CSGP:US
COVANTA HOLDING CORP (COVANTA HOLD)	USA-NYSE	US22282E1029	CVA:US
CRANE CO (CRANE CO)	USA-NYSE	US2243991054	CR:US
CSX CORP (CSX CORP)	USA-NASDAQ	US1264081035	CSX:US
CUMMINS INC (CUMMINS INC)	USA-NYSE	US2310211063	CMI:US
CURTISS-WRIGHT CORP (CURTISS-WRIG)	USA-NYSE	US2315611010	CW:US
DCC PLC (DCC PLC)	GBR-LSE	IE0002424939	DCC:LN
DEERE & CO (DEERE & CO)	USA-NYSE	US2441991054	DE:US
DELTA AIR LINES INC (DELTA)	USA-NYSE	US2473617023	DAL:US
DELUXE CORP (DELUXE CORP)	USA-NYSE	US2480191012	DLX:US
DEUTSCHE LUFTHANSA-REG (LUFTHANSA)	DEU-XETRA	DE0008232125	LHA:GR
DEUTSCHE POST AG-REG (DEUT POST-RG)	DEU-XETRA	DE0005552004	DPW:GR
DEUTZ AG (DEUTZ AG)	DEU-XETRA	DE0006305006	DEZ:GR
DMG MORI AG (DMG MORI AG)	DEU-XETRA	DE0005878003	GIL:GR
DONALDSON CO INC (DONALDSON CO)	USA-NYSE	US2576511099	DCI:US
DOVER CORP (DOVER CORP)	USA-NYSE	US2600031080	DOV:US
DUERR AG (DUERR AG)	DEU-XETRA	DE0005565204	DUE:GR
DUN & BRADSTREET CORP (DUN & BRADST)	USA-NYSE	US26483E1001	DNB:US
DYCOM INDUSTRIES INC (DYCOM INDS)	USA-NYSE	US2674751019	DY:US
EAGLE BULK SHIPPING INC (EAGLE BULK)	USA-NASDAQ	MHY2187A1432	EGLE:US
EASYJET PLC (EASYJET PLC)	GBR-LSE	GB00B7KR2P84	EZJ:LN
EATON CORP PLC (EATON CORP)	USA-NYSE	IE00B8KQN827	ETN:US
ECHO GLOBAL LOGISTICS INC (ECHO GLOBAL )	USA-NASDAQ	US27875T1016	ECHO:US
EMBRAER SA-SPON ADR (EMBRAER SA)	USA-NYSE	US29082A1079	ERJ:US
EMCOR GROUP INC (EMCOR GROUP )	USA-NYSE	US29084Q1004	EME:US

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EMERSON ELECTRIC CO (EMERSON ELEC)	USA-NYSE	US2910111044	EMR:US
ENERGOUS CORP (WATT ENERG)	USA-NASDAQ	US29272C1036	WATT:US
ENERSYS (ENERSYS)	USA-NYSE	US29275Y1029	ENS:US
ENPRO INDUSTRIES INC (ENPRO INDUST)	USA-NYSE	US29355X1072	NPO:US
EQUIFAX INC (EQUIFAX INC)	USA-NYSE	US2944291051	EFX:US
ESTERLINE TECHNOLOGIES CORP (ESTERLINE TE)	USA-NYSE	US2974251009	ESL:US
EVOQUA WATER TECHNOLOGIES CO (EVOQUA WATER)	USA-NYSE	US30057T1051	AQUA:US
EXPEDITORS INTL WASH INC (EXPEDITORS )	USA-NASDAQ	US3021301094	EXPD:US
EXPERIAN PLC (EXPERIAN PLC)	GBR-LSE	GB00B19NLV48	EXPN:LN
EXPONENT INC (EXPONENT INC)	USA-NASDAQ	US30214U1025	EXPO:US
FASTENAL CO (FASTENAL CO)	USA-NASDAQ	US3119001044	FAST:US
FEDEX CORP (FEDEX CORP)	USA-NYSE	US31428X1063	FDX:US
FLOWSERVE CORP (FLOWSERVE)	USA-NYSE	US34354P1057	FLS:US
FLUOR CORP (FLUOR CORP)	USA-NYSE	US3434121022	FLR:US
FORTIVE CORP (FORTIVE CORP)	USA-NYSE	US34959J1088	FTV:US
FORTUNE BRANDS HOME & SECURI (FORTUNE BRAND)	USA-NYSE	US34964C1062	FBHS:US
FORWARD AIR CORP (FORWARD AIR )	USA-NASDAQ	US3498531017	FWRD:US
FRAPORT AG FRANKFURT AIRPORT (FRAPORT AG)	DEU-XETRA	DE0005773303	FRA:GR
FTI CONSULTING INC (FTI CONSULTI)	USA-NYSE	US3029411093	FCN:US
FUELCELL ENERGY INC (FUELCELL ENE)	USA-NASDAQ	US35952H5028	FCEL:US
GARDNER DENVER HOLDINGS INC (GARDNER DENVR)	USA-NYSE	US36555P1075	GDI:US
GATX CORP (GATX CORP)	USA-NYSE	US3614481030	GATX:US
GEA GROUP AG (GEA GROUP AG)	DEU-XETRA	DE0006602006	G1A:GR
GENERAC HOLDINGS INC (GENERAC HOLD)	USA-NYSE	US3687361044	GNRC:US
GENERAL DYNAMICS CORP (GENERAL DYNA)	USA-NYSE	US3695501086	GD:US
GENERAL ELECTRIC CO (GE)	USA-NYSE	US3696041033	GE:US
GENESEEE & WYOMING INC-CL A (GENESEEE&WYOM)	USA-NYSE	US3715591059	GWR:US
GIBRALTAR INDUSTRIES INC (GIBRALTARIND)	USA-NASDAQ	US3746891072	ROCK:US
GMS INC (GMS INC)	USA-NYSE	US36251C1036	GMS:US
GOLDEN OCEAN GROUP LTD (GOLDEN OCEAN)	USA-NASDAQ	BMG396372051	GOGL:US
GRACO INC (GRACO INC)	USA-NYSE	US3841091040	GGG:US
GRAFTECH INTERNATIONAL LTD (GRAFTECH INT)	USA-NYSE	US3843135084	EAF:US
GRANITE CONSTRUCTION INC (GRANITE CONS)	USA-NYSE	US3873281071	GVA:US
GREENBRIER COMPANIES INC (GREENBRIER )	USA-NYSE	US3936571013	GBX:US
H&E EQUIPMENT SERVICES INC (H&EEQUIPMENT)	USA-NASDAQ	US4040301081	HEES:US
HAMBURGER HAFEN UND LOGISTIK (HAMBURGER HA)	DEU-XETRA	DE000A0S8488	HHFA:GR
HAPAG-LLOYD AG (HAPAG-LLOYD )	DEU-XETRA	DE000HLAG475	HLAG:GR
HARRIS CORP (HARRIS CORP)	USA-NYSE	US4138751056	HRS:US
HARSCO CORP (HARSCO CORP)	USA-NYSE	US4158641070	HSC:US
HAWAIIAN HOLDINGS INC (HAWAIIAN)	USA-NASDAQ	US4198791018	HA:US
HD SUPPLY HOLDINGS INC (HD SUPPLY HO)	USA-NASDAQ	US40416M1053	HDS:US
HEALTHCARE SERVICES GROUP (HEALTHCARE S)	USA-NASDAQ	US4219061086	HCSG:US
HEARTLAND EXPRESS INC (HEARTLAND EX)	USA-NASDAQ	US4223471040	HTLD:US
HEICO CORP (HEICO CORP)	USA-NYSE	US4228061093	HEI:US
HEIDELBERGER DRUCKMASCHINEN (HEIDELBERG)	DEU-XETRA	DE0007314007	HDD:GR
HEIDRICK & STRUGGLES INTL (HEIDRICK&STR)	USA-NASDAQ	US4228191023	HSII:US
HERMAN MILLER INC (HERMANMILLER)	USA-NASDAQ	US6005441000	MLHR:US
HERTZ GLOBAL HOLDINGS INC (HERTZ GLOBAL)	USA-NYSE	US42806J1060	HTZ:US
HEXCEL CORP (HEXCEL CORP)	USA-NYSE	US4282911084	HXL:US
HILLENBRAND INC (HILLENBRAND )	USA-NYSE	US4315711089	HI:US
HOCHTIEF AG (HOCHTIEF AG)	DEU-XETRA	DE0006070006	HOT:GR
HONEYWELL INTERNATIONAL INC (HONEYWELL )	USA-NYSE	US4385161066	HON:US
HUB GROUP INC-CL A (HUB GROUP-A)	USA-NASDAQ	US4433201062	HUBG:US
HUBBELL INC (HUBBELL INC)	USA-NYSE	US4435106079	HUBB:US
HUNT (JB) TRANSPRT SVCS INC (JB HUNT TRAN)	USA-NASDAQ	US4456581077	JBHT:US
HUNTINGTON INGALLS INDUSTRIE (HUNTINGTON)	USA-NYSE	US4464131063	HII:US
ICF INTERNATIONAL INC (ICF INTERNAT)	USA-NASDAQ	US44925C1036	ICFI:US
IDEX CORP (IDEX CORP)	USA-NYSE	US45167R1041	IEX:US
IHS MARKIT LTD (IHS MARKIT)	USA-NASDAQ	BMG475671050	INFO:US
ILLINOIS TOOL WORKS (ILLINOISTOOL)	USA-NYSE	US4523081093	ITW:US
INDUS HOLDING AG (INDUS HLDG)	DEU-XETRA	DE0006200108	INH:GR
INDUSTRIAL SVCS OF AMERICA (IND SERVICES)	USA-NASDAQ	US4563141039	IDSA:US
INGERSOLL-RAND PLC (INGERSOLL-RA)	USA-NYSE	IE00B6330302	IR:US
INSPERITY INC (INSPERITY)	USA-NYSE	US45778Q1076	NSP:US
INTERFACE INC (INTERFACE)	USA-NASDAQ	US4586653044	TILE:US
INTERSEROH AG (ALBA SE)	DEU-XETRA	DE0006209901	ABA:GR
INTERTEK GROUP PLC (INTERTEK GRP)	GBR-LSE	GB0031638363	ITRK:LN
ITT INC (ITT INC)	USA-NYSE	US45073V1089	ITT:US
JACOBS ENGINEERING GROUP INC (JACOBS ENGIN)	USA-NYSE	US4698141078	JEC:US
JELD-WEN HOLDING INC (JELD-WEN)	USA-NYSE	US47580P1030	JELD:US
JETBLUE AIRWAYS CORP (JETBLUE)	USA-NASDAQ	US4771431016	JBLU:US
JOHN BEAN TECHNOLOGIES CORP (JOHN BEAN TE)	USA-NYSE	US4778391049	JBT:US
JOHNSON CONTROLS INTERNATION (JOHNSON CONT)	USA-NYSE	IE00BY7QL619	JCI:US
JUNGHEINRICH - PRFD (JUNGHEINRICH)	DEU-XETRA	DE0006219934	JUN3:GR
KAMAN CORP (KAMAN CORP)	USA-NYSE	US4835481031	KAMN:US

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KANSAS CITY SOUTHERN (KANSAS CITY )	USA-NYSE	US4851703029	KSU:US
KAR AUCTION SERVICES INC (KAR AUCTION )	USA-NYSE	US48238T1097	KAR:US
KBR INC (KBR INC)	USA-NYSE	US48242W1062	KBR:US
KENNAMETAL INC (KENNAMETAL)	USA-NYSE	US4891701009	KMT:US
KFORCE INC (KFORCE INC)	USA-NASDAQ	US4937321010	KFRC:US
KIRBY CORP (KIRBY CORP)	USA-NYSE	US4972661064	KEX:US
KLOECKNER & CO SE (KLOECKNER)	DEU-XETRA	DE000KC01000	KCO:GR
KNIGHT-SWIFT TRANSPORTATION (KNIGHT-SWIFT)	USA-NYSE	US4990491049	KNX:US
KOENIG & BAUER AG (KOENIG&BAUER)	DEU-XETRA	DE0007193500	SKB:GR
KORN FERRY (KORN FERRY)	USA-NYSE	US5006432000	KFY:US
KRATOS DEFENSE & SECURITY (KRATOS DEFEN)	USA-NASDAQ	US50077B2079	KTOS:US
KRONES AG (KRONES AG)	DEU-XETRA	DE0006335003	KRN:GR
KUKA AG (KUKA AG)	DEU-XETRA	DE0006204407	KU2:GR
L3 TECHNOLOGIES INC (L3 TECHNOLOG)	USA-NYSE	US5024131071	LLL:US
LANDSTAR SYSTEM INC (LANDSTAR SYS)	USA-NASDAQ	US5150981018	LSTR:US
LENNOX INTERNATIONAL INC (LENNOX INTL )	USA-NYSE	US5261071071	LII:US
LINCOLN ELECTRIC HOLDINGS (LINCOLN ELEC)	USA-NASDAQ	US5339001068	LECO:US
LOCKHEED MARTIN CORP (LOCKHEED MAR)	USA-NYSE	US5398301094	LMT:US
MACQUARIE INFRASTRUCTURE COR (MACQUARIE IN)	USA-NYSE	US55608B1052	MIC:US
MANITOWOC COMPANY INC (MANITOWOC CO)	USA-NYSE	US5635714059	MTW:US
MANPOWERGROUP INC (MANPOWERGROU)	USA-NYSE	US56418H1005	MAN:US
MASCO CORP (MASCO CORP)	USA-NYSE	US5745991068	MAS:US
MASTEC INC (MASTEC INC)	USA-NYSE	US5763231090	MTZ:US
MATSON INC (MATSON INC)	USA-NYSE	US57686G1058	MATX:US
MERCURY SYSTEMS INC (MERCURY SYST)	USA-NASDAQ	US5893781089	MRCY:US
MERITOR INC (MERITOR INC)	USA-NYSE	US59001K1007	MTOR:US
MIDDLEBY CORP (MIDDLEBY)	USA-NASDAQ	US5962781010	MIDD:US
MILACRON HOLDINGS CORP (MILACRON)	USA-NYSE	US59870L1061	MCRN:US
MOBILE MINI INC (MOBILE MINI)	USA-NASDAQ	US60740F1057	MINI:US
MRC GLOBAL INC (MRC GLOBAL)	USA-NYSE	US55345K1034	MRC:US
MSA SAFETY INC (MSA SAFETY)	USA-NYSE	US5534981064	MSA:US
MSC INDUSTRIAL DIRECT CO-A (MSC INDL DIR)	USA-NYSE	US5535301064	MSM:US
MTU AERO ENGINES AG (MTU AERO ENG)	DEU-XETRA	DE000A0D9PT0	MTX:GR
NAVISTAR INTERNATIONAL CORP (NAVISTAR INT)	USA-NYSE	US63934E1082	NAV:US
NCI BUILDING SYSTEMS INC (NCI BUILDING)	USA-NYSE	US6288522047	NCS:US
NIELSEN HOLDINGS PLC (NIELSEN HOLD)	USA-NYSE	GB00BWFY5505	NLSN:US
NORDSON CORP (NORDSON CORP)	USA-NASDAQ	US6556631025	NDSN:US
NORFOLK SOUTHERN CORP (NORFOLKSOUTH)	USA-NYSE	US6558441084	NSC:US
NORMA GROUP SE (NORMA GROUP )	DEU-XETRA	DE000A1H8BV3	NOEJ:GR
NORTHROP GRUMMAN CORP (NORTHROP GRU)	USA-NYSE	US6668071029	NOC:US
NOW INC (NOW INC)	USA-NYSE	US67011P1003	DNOW:US
NV5 GLOBAL INC (NV5 GLOBAL)	USA-NASDAQ	US62945V1098	NVEE:US
NVENT ELECTRIC PLC (NVENT ELECTR)	USA-NYSE	IE00BDVJJQ56	NVT:US
OLD DOMINION FREIGHT LINE (OLD DOMINION)	USA-NASDAQ	US6795801009	ODFL:US
OSHKOSH CORP (OSHKOSH CORP)	USA-NYSE	US6882392011	OSK:US
OSRAM LICHT AG (OSRAM LICHT )	DEU-XETRA	DE000LED4000	OSR:GR
OWENS CORNING (OWENS CORNIN)	USA-NYSE	US6907421019	OC:US
PACCAR INC (PACCAR INC)	USA-NASDAQ	US6937181088	PCAR:US
PARKER HANNIFIN CORP (PARKER HANNI)	USA-NYSE	US7010941042	PH:US
PATRICK INDUSTRIES INC (PATRICK INDS)	USA-NASDAQ	US7033431039	PATK:US
PENTAIR PLC (PENTAIR PLC)	USA-NYSE	IE00BLS09M33	PNR:US
PGT INNOVATIONS INC (PGT INNOVAT)	USA-NYSE	US69336V1017	PGTI:US
PITNEY BOWES INC (PITNEY BOWES)	USA-NYSE	US7244791007	PBI:US
PLUG POWER INC (PLUG POWER)	USA-NASDAQ	US72919P2020	PLUG:US
POWER SOLUTIONS INTERNATIONAL (POWER SOLUT)	USA-NASDAQ	US73933G2021	PSIX:US
PROTO LABS INC (PROTO LABS)	USA-NYSE	US7437131094	PRLB:US
QUANTA SERVICES INC (QUANTA SERVI)	USA-NYSE	US74762E1029	PWR:US
RATIONAL AG (RATIONAL AG)	DEU-XETRA	DE0007010803	RAA:GR
RAYTHEON COMPANY (RAYTHEON CO)	USA-NYSE	US7551115071	RTN:US
RBC BEARINGS INC (RBC BEARINGS)	USA-NASDAQ	US75524B1044	ROLL:US
RELX PLC (RELX PLC)	GBR-LSE	GB00B2B0DG97	REL:LN
REPUBLIC SERVICES INC (REPUBLIC SVC)	USA-NYSE	US7607591002	RSG:US
RESIDEO TECHNOLOGIES INC (RESIDEO TECH)	USA-NYSE	US76118Y1047	REZI:US
RHEINMETALL AG (RHEINMETALL )	DEU-XETRA	DE0007030009	RHM:GR
RITCHIE BROS AUCTIONEERS (RITCHIE BROS)	USA-NYSE	CA7677441056	RBA:US
ROBERT HALF INTL INC (ROBERT HALF )	USA-NYSE	US7703231032	RHI:US
ROCKWELL AUTOMATION INC (ROCKWELL AUT)	USA-NYSE	US7739031091	ROK:US
ROLLS-ROYCE HOLDINGS PLC (ROLLS-ROYCE )	GBR-LSE	GB00B63H8491	RR:LN
ROPER TECHNOLOGIES INC (ROPER TECHNO)	USA-NYSE	US7766961061	ROP:US
ROYAL MAIL PLC (ROYAL MAIL)	GBR-LSE	GB00BDVZY277	RMG:LN
RR DONNELLEY & SONS CO (RR DONNELLEY)	USA-NYSE	US2578672006	RRD:US
RUSH ENTERPRISES INC-CL A (RUSH ENTER)	USA-NASDAQ	US7818462092	RUSA:US
RYANAIR HOLDINGS PLC-SP ADR (RYANAIR HLDG)	USA-NASDAQ	US7835132033	RYAA:US
RYDER SYSTEM INC (RYDER SYSTEM)	USA-NYSE	US7835491082	R:US
SAIA INC (SAIA INC)	USA-NASDAQ	US78709Y1055	SAIA:US

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SENSATA TECHNOLOGIES HOLDING (SENSATA TECH)	USA-NYSE	GB00BFMBMT84	ST:US
SENVION SA (SENVION)	DEU-XETRA	LU1377527517	SEN:GR
SGL CARBON SE (SGL CARBON)	DEU-XETRA	DE0007235301	SGL:GR
SHARING ECONOMY INTERNATIONAL (SHARING ECON)	USA-NASDAQ	US8195341081	SEII:US
SHIFTPIXY INC (SHIFTPIXY)	USA-NASDAQ	US82452L1044	PIXY:US
SIEMENS AG-REG (SIEMENS AG-R)	DEU-XETRA	DE0007236101	SIE:GR
SIXT SE (SIXT SE)	DEU-XETRA	DE0007231326	SIX2:GR
SKYWEST INC (SKYWEST INC)	USA-NASDAQ	US8308791024	SKYW:US
SNAP-ON INC (SNAP-ON INC)	USA-NYSE	US8330341012	SNA:US
SOUTHWEST AIRLINES CO (SOUTHWESTAIR)	USA-NYSE	US8447411088	LUV:US
SPIRIT AEROSYSTEMS HOLD-CL A (SPIRIT AERO)	USA-NYSE	US8485741099	SPR:US
SPIRIT AIRLINES INC (SPIRIT AIRLI)	USA-NASDAQ	US8485771021	SAVE:US
STABILUS SA (STABILUS SA)	DEU-XETRA	LU1066226637	STM:GR
STANLEY BLACK & DECKER INC (STANLEYBLACK)	USA-NYSE	US8545021011	SWK:US
STERICYCLE INC (STERICYCLE)	USA-NASDAQ	US8589121081	SRCL:US
SUNRUN INC (SUNRUN INC)	USA-NASDAQ	US86771W1053	RUN:US
TECHNOTRANS (TECHNOTRANS)	DEU-XETRA	DE000A0XYGA7	TTR1:GR
TETRA TECH INC (TETRA TECH)	USA-NASDAQ	US88162G1031	TTEK:US
TEXTRON INC (TEXTRON INC)	USA-NYSE	US8832031012	TXT:US
TPI COMPOSITES INC (TPICOMPOSITE)	USA-NASDAQ	US87266J1043	TPIC:US
TRANSDIGM GROUP INC (TRANSDIGM)	USA-NYSE	US8936411003	TDG:US
TRAVIS PERKINS PLC (TRAVIS PERKI)	GBR-LSE	GB0007739609	TPK:LN
TRITON INTERNATIONAL LTD/BER (TRITON INTER)	USA-NYSE	BMG9078F1077	TRTN:US
UNION PACIFIC CORP (UNION PAC CO)	USA-NYSE	US9078181081	UNP:US
UNITED CONTINENTAL HOLDINGS (UNITED CONTI)	USA-NYSE	US9100471096	UAL:US
UNITED PARCEL SERVICE-CL B (UPS-B)	USA-NYSE	US9113121068	UPS:US
UNITED RENTALS INC (UNITEDRENTAL)	USA-NYSE	US9113631090	URI:US
UNITED TECHNOLOGIES CORP (UNITED TECH )	USA-NYSE	US9130171096	UTX:US
UNIVERSAL FOREST PRODUCTS (UNIVERSAL FO)	USA-NASDAQ	US9135431040	UFPI:US
UPWORK INC (UPWORK)	USA-NASDAQ	US91688F1049	UPWK:US
USG CORP (USG CORP)	USA-NYSE	US9032934054	USG:US
VERISK ANALYTICS INC (VERISK ANALY)	USA-NASDAQ	US92345Y1064	VRSK:US
VICOR CORP (VICOR CORP)	USA-NASDAQ	US9258151029	VICR:US
VIVINT SOLAR INC (VIVINT SOLAR)	USA-NYSE	US92854Q1067	VSLR:US
VOSSLOH AG (VOSSLOH AG)	DEU-XETRA	DE0007667107	VOS:GR
VTG AG (VTG AG)	DEU-XETRA	DE000VTG9999	VT9:GR
WACKER NEUSON SE (WACKERNEUSON)	DEU-XETRA	DE000WACK012	WAC:GR
WASHTEC AG (WASHTEC AG)	DEU-XETRA	DE0007507501	WSU:GR
WASTE MANAGEMENT INC (WASTE MANAGE)	USA-NYSE	US94106L1098	WM:US
WERNER ENTERPRISES INC (WERNER ENT)	USA-NASDAQ	US9507551086	WERN:US
WILLSCOT CORP (WILLSCOT)	USA-NASDAQ	US9713751264	WSC:US
WIZZ AIR HOLDINGS PLC (WIZZ AIR)	GBR-LSE	JE00BN574F90	WIZZ:LN
WOODWARD INC (WOODWARD INC)	USA-NASDAQ	US9807451037	WWD:US
WW GRAINGER INC (WW GRAINGER )	USA-NYSE	US3848021040	GWW:US
XPO LOGISTICS INC (XPOLOGISTICS)	USA-NYSE	US9837931008	XPO:US
XYLEM INC (XYLEM INC)	USA-NYSE	US98419M1009	XYL:US
JOHN BEAN TECHNOLOGIES CORP (JOHN BEAN TE)	USA-NYSE	US4778391049	JBT:US
JOHNSON CONTROLS INTERNATION (JOHNSON CONT)	USA-NYSE	IE00BY7QL619	JCI:US
JUNGHEINRICH - PRFD (JUNGHEINRICH)	DEU-XETRA	DE0006219934	JUN3:GR
KAMAN CORP (KAMAN CORP)	USA-NYSE	US4835481031	KAMN:US
KANSAS CITY SOUTHERN (KANSAS CITY )	USA-NYSE	US4851703029	KSU:US
KAR AUCTION SERVICES INC (KAR AUCTION )	USA-NYSE	US48238T1097	KAR:US
KBR INC (KBR INC)	USA-NYSE	US48242W1062	KBR:US
KENNAMETAL INC (KENNAMETAL)	USA-NYSE	US4891701009	KMT:US
KFORCE INC (KFORCE INC)	USA-NASDAQ	US4937321010	KFRC:US
KIRBY CORP (KIRBY CORP)	USA-NYSE	US4972661064	KEX:US
KLOECKNER & CO SE (KLOECKNER)	DEU-XETRA	DE000KC01000	KCO:GR
KNIGHT-SWIFT TRANSPORTATION (KNIGHT-SWIFT)	USA-NYSE	US4990491049	KNX:US
KOENIG & BAUER AG (KOENIG&BAUER)	DEU-XETRA	DE0007193500	SKB:GR
KORN FERRY (KORN FERRY)	USA-NYSE	US5006432000	KFY:US
KRATOS DEFENSE & SECURITY (KRATOS DEFEN)	USA-NASDAQ	US50077B2079	KTOS:US
KRONES AG (KRONES AG)	DEU-XETRA	DE0006335003	KRN:GR
KUKA AG (KUKA AG)	DEU-XETRA	DE0006204407	KU2:GR
L3 TECHNOLOGIES INC (L3 TECHNOLOG)	USA-NYSE	US5024131071	LLL:US
LANDSTAR SYSTEM INC (LANDSTAR SYS)	USA-NASDAQ	US5150981018	LSTR:US
LENNOX INTERNATIONAL INC (LENNOX INTL )	USA-NYSE	US5261071071	LII:US
LINCOLN ELECTRIC HOLDINGS (LINCOLN ELEC)	USA-NASDAQ	US5339001068	LECO:US
LOCKHEED MARTIN CORP (LOCKHEED MAR)	USA-NYSE	US5398301094	LMT:US
MACQUARIE INFRASTRUCTURE COR (MACQUARIE IN)	USA-NYSE	US55608B1052	MIC:US
MANITOWOC COMPANY INC (MANITOWOC CO)	USA-NYSE	US5635714059	MTW:US
MANPOWERGROUP INC (MANPOWERGROU)	USA-NYSE	US56418H1005	MAN:US
MASCO CORP (MASCO CORP)	USA-NYSE	US5745991068	MAS:US
MASTEC INC (MASTEC INC)	USA-NYSE	US5763231090	MTZ:US
MATSON INC (MATSON INC)	USA-NYSE	US57686G1058	MATX:US
MERCURY SYSTEMS INC (MERCURY SYST)	USA-NASDAQ	US5893781089	MRCY:US



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MERITOR INC (MERITOR INC)	USA-NYSE	US59001K1007	MTOR:US
MIDDLEBY CORP (MIDDLEBY)	USA-NASDAQ	US5962781010	MIDD:US
MILACRON HOLDINGS CORP (MILACRON)	USA-NYSE	US59870L1061	MCRN:US
MOBILE MINI INC (MOBILE MINI)	USA-NASDAQ	US60740F1057	MINI:US
MRC GLOBAL INC (MRC GLOBAL)	USA-NYSE	US55345K1034	MRC:US
MSA SAFETY INC (MSA SAFETY)	USA-NYSE	US5534981064	MSA:US
MSC INDUSTRIAL DIRECT CO-A (MSC INDL DIR)	USA-NYSE	US5535301064	MSM:US
MTU AERO ENGINES AG (MTU AERO ENG)	DEU-XETRA	DE000A0D9PT0	MTX:GR
NAVISTAR INTERNATIONAL CORP (NAVISTAR INT)	USA-NYSE	US63934E1082	NAV:US
NCI BUILDING SYSTEMS INC (NCI BUILDING)	USA-NYSE	US6288522047	NCS:US
NIELSEN HOLDINGS PLC (NIELSEN HOLD)	USA-NYSE	GB00BWFY5505	NLSN:US
NORDSON CORP (NORDSON CORP)	USA-NASDAQ	US6556631025	NDSN:US
NORFOLK SOUTHERN CORP (NORFOLKSOUTH)	USA-NYSE	US6558441084	NSC:US
NORMA GROUP SE (NORMA GROUP )	DEU-XETRA	DE000A1H8BV3	NOE:GR
NORTHROP GRUMMAN CORP (NORTHROP GRU)	USA-NYSE	US6668071029	NOC:US
NOW INC (NOW INC)	USA-NYSE	US67011P1003	DNOW:US
NV5 GLOBAL INC (NV5 GLOBAL)	USA-NASDAQ	US62945V1098	NVEE:US
NVENT ELECTRIC PLC (NVENT ELECTR)	USA-NYSE	IE00BDVJJQ56	NVT:US
OLD DOMINION FREIGHT LINE (OLD DOMINION)	USA-NASDAQ	US6795801009	ODFL:US
OSHKOSH CORP (OSHKOSH CORP)	USA-NYSE	US6882392011	OSK:US
OSRAM LICHT AG (OSRAM LICHT )	DEU-XETRA	DE000LED4000	OSR:GR
OWENS CORNING (OWENS CORNIN)	USA-NYSE	US6907421019	OC:US
PACCAR INC (PACCAR INC)	USA-NASDAQ	US6937181088	PCAR:US
PARKER HANNIFIN CORP (PARKER HANNI)	USA-NYSE	US7010941042	PH:US
PATRICK INDUSTRIES INC (PATRICK INDS)	USA-NASDAQ	US7033431039	PATK:US
PENTAIR PLC (PENTAIR PLC)	USA-NYSE	IE00BLS09M33	PNR:US
PGT INNOVATIONS INC (PGT INNOVAT)	USA-NYSE	US69336V1017	PGTI:US
PITNEY BOWES INC (PITNEY BOWES)	USA-NYSE	US7244791007	PBI:US
PLUG POWER INC (PLUG POWER)	USA-NASDAQ	US72919P2020	PLUG:US
POWER SOLUTIONS INTERNATIONA (POWER SOLUT)	USA-NASDAQ	US73933G2021	PSIX:US
PROTO LABS INC (PROTO LABS)	USA-NYSE	US7437131094	PRLB:US
QUANTA SERVICES INC (QUANTA SERVI)	USA-NYSE	US74762E1029	PWR:US
RATIONAL AG (RATIONAL AG)	DEU-XETRA	DE0007010803	RAA:GR
RAYTHEON COMPANY (RAYTHEON CO)	USA-NYSE	US7551115071	RTN:US
RBC BEARINGS INC (RBC BEARINGS)	USA-NASDAQ	US75524B1044	ROLL:US
RELX PLC (RELX PLC)	GBR-LSE	GB00B2B0DG97	REL:LN
REPUBLIC SERVICES INC (REPUBLIC SVC)	USA-NYSE	US7607591002	RSG:US
RESIDEO TECHNOLOGIES INC (RESIDEO TECH)	USA-NYSE	US76118Y1047	REZI:US
RHEINMETALL AG (RHEINMETALL )	DEU-XETRA	DE0007030009	RHM:GR
RITCHIE BROS AUCTIONEERS (RITCHIE BROS)	USA-NYSE	CA7677441056	RBA:US
ROBERT HALF INTL INC (ROBERT HALF )	USA-NYSE	US7703231032	RHI:US
ROCKWELL AUTOMATION INC (ROCKWELL AUT)	USA-NYSE	US7739031091	ROK:US
ROLLS-ROYCE HOLDINGS PLC (ROLLS-ROYCE )	GBR-LSE	GB00B63H8491	RR/:LN
ROPER TECHNOLOGIES INC (ROPER TECHNO)	USA-NYSE	US7766961061	ROP:US
ROYAL MAIL PLC (ROYAL MAIL)	GBR-LSE	GB00BDVZY277	RMG:LN
RR DONNELLEY & SONS CO (RR DONNELLEY)	USA-NYSE	US2578672006	RRD:US
RUSH ENTERPRISES INC-CL A (RUSH ENTER)	USA-NASDAQ	US7818462092	RUSHA:US
RYANAIR HOLDINGS PLC-SP ADR (RYANAIR HLDG)	USA-NASDAQ	US7835132033	RYAAY:US
RYDER SYSTEM INC (RYDER SYSTEM)	USA-NYSE	US7835491082	R:US
SAIA INC (SAIA INC)	USA-NASDAQ	US78709Y1055	SAIA:US
SENSATA TECHNOLOGIES HOLDING (SENSATA TECH)	USA-NYSE	GB00BFMBMT84	ST:US
SENVION SA (SENVION)	DEU-XETRA	LU1377527517	SEN:GR
SGL CARBON SE (SGL CARBON)	DEU-XETRA	DE0007235301	SGL:GR
SHARING ECONOMY INTERNATIONA (SHARING ECON)	USA-NASDAQ	US8195341081	SEII:US
SHIFTPIXY INC (SHIFTPIXY)	USA-NASDAQ	US82452L1044	PIXY:US
SIEMENS AG-REG (SIEMENS AG-R)	DEU-XETRA	DE0007236101	SIE:GR
SIXT SE (SIXT SE)	DEU-XETRA	DE0007231326	SIX2:GR
SKYWEST INC (SKYWEST INC)	USA-NASDAQ	US8308791024	SKYW:US
SNAP-ON INC (SNAP-ON INC)	USA-NYSE	US8330341012	SNA:US
SOUTHWEST AIRLINES CO (SOUTHWESTAIR)	USA-NYSE	US8447411088	LUV:US
SPIRIT AEROSYSTEMS HOLD-CL A (SPIRIT AERO)	USA-NYSE	US8485741099	SPR:US
SPIRIT AIRLINES INC (SPIRIT AIRLI)	USA-NASDAQ	US8485771021	SAVE:US
STABILUS SA (STABILUS SA)	DEU-XETRA	LU1066226637	STM:GR
STANLEY BLACK & DECKER INC (STANLEYBLACK)	USA-NYSE	US8545021011	SWK:US
STERICYCLE INC (STERICYCLE)	USA-NASDAQ	US8589121081	SRCL:US
SUNRUN INC (SUNRUN INC)	USA-NASDAQ	US86771W1053	RUN:US
TECHNOTRANS (TECHNOTRANS)	DEU-XETRA	DE000A0XYGA7	TTR1:GR
TETRA TECH INC (TETRA TECH)	USA-NASDAQ	US88162G1031	TTEK:US
TEXTRON INC (TEXTRON INC)	USA-NYSE	US8832031012	TXT:US
TPI COMPOSITES INC (TPICOMPOSITE)	USA-NASDAQ	US87266J1043	TPIC:US
TRANSDIGM GROUP INC (TRANSDIGM)	USA-NYSE	US8936411003	TDG:US
TRAVIS PERKINS PLC (TRAVIS PERKI)	GBR-LSE	GB0007739609	TPK:LN
TRITON INTERNATIONAL LTD/BER (TRITON INTER)	USA-NYSE	BMG9078F1077	TRTN:US
UNION PACIFIC CORP (UNION PAC CO)	USA-NYSE	US9078181081	UNP:US
UNITED CONTINENTAL HOLDINGS (UNITED CONTI)	USA-NYSE	US9100471096	UAL:US

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UNITED PARCEL SERVICE-CL B (UPS-B)	USA-NYSE	US9113121068	UPS:US
UNITED RENTALS INC (UNITEDRENTAL)	USA-NYSE	US9113631090	URI:US
UNITED TECHNOLOGIES CORP (UNITED TECH )	USA-NYSE	US9130171096	UTX:US
UNIVERSAL FOREST PRODUCTS (UNIVERSAL FO)	USA-NASDAQ	US9135431040	UFPI:US
UPWORK INC (UPWORK)	USA-NASDAQ	US91688F1049	UPWK:US
USG CORP (USG CORP)	USA-NYSE	US9032934054	USG:US
VERISK ANALYTICS INC (VERISK ANALY)	USA-NASDAQ	US92345Y1064	VRSK:US
VICOR CORP (VICOR CORP)	USA-NASDAQ	US9258151029	VICR:US
VIVINT SOLAR INC (VIVINT SOLAR)	USA-NYSE	US92854Q1067	VSLR:US
VOSSLOH AG (VOSSLOH AG)	DEU-XETRA	DE0007667107	VOS:GR
VTG AG (VTG AG)	DEU-XETRA	DE000VTG9999	VT9:GR
WACKER NEUSON SE (WACKERNEUSON)	DEU-XETRA	DE000WACK012	WAC:GR
WASHTEC AG (WASHTEC AG)	DEU-XETRA	DE0007507501	WSU:GR
WASTE MANAGEMENT INC (WASTE MANAGE)	USA-NYSE	US94106L1098	WM:US
WERNER ENTERPRISES INC (WERNER ENT)	USA-NASDAQ	US9507551086	WERN:US
WILLSCOT CORP (WILLSCOT)	USA-NASDAQ	US9713751264	WSC:US
WIZZ AIR HOLDINGS PLC (WIZZ AIR)	GBR-LSE	JE00BN574F90	WIZZ:LN
WOODWARD INC (WOODWARD INC)	USA-NASDAQ	US9807451037	WWD:US
WW GRAINGER INC (WW GRAINGER )	USA-NYSE	US3848021040	GWW:US
XPO LOGISTICS INC (XPOLOGISTICS)	USA-NYSE	US9837931008	XPO:US
XYLEM INC (XYLEM INC)	USA-NYSE	US98419M1009	XYL:US

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Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
21VIANET GROUP INC-ADR (21VIANET)	USA-NASDAQ	US90138A1034	VNET:US
2U INC (2U INC)	USA-NASDAQ	US90214J1016	TWOU:US
3D SYSTEMS CORP (3D SYSTEMS )	USA-NYSE	US88554D2053	DDD:US
8X8 INC (8X8 INC)	USA-NASDAQ	US2829141009	EGHT:US
A10 NETWORKS INC (A10 NETWORKS)	USA-NYSE	US0021211018	ATEN:US
ACACIA COMMUNICATIONS INC (ACACIA COMMU)	USA-NASDAQ	US00401C1080	ACIA:US
ACCENTURE PLC-CL A (ACCENTURE)	USA-NYSE	IE00B4BNMY34	ACN:US
ACI WORLDWIDE INC (ACIWORLDWIDE)	USA-NASDAQ	US0044981019	ACIW:US
ADOBE INC (ADOBE SYS )	USA-NASDAQ	US00724F1012	ADBE:US
ADVA OPTICAL NETWORKING SE (ADVA AG)	DEU-XETRA	DE0005103006	ADV:GR
ADVANCED ENERGY INDUSTRIES (ADV ENERGY I)	USA-NASDAQ	US0079731008	AEIS:US
ADVANCED MICRO DEVICES (AMD)	USA-NASDAQ	US0079031078	AMD:US
AKAMAI TECHNOLOGIES INC (AKAMAI TECHN)	USA-NASDAQ	US00971T1016	AKAM:US
ALARM.COM HOLDINGS INC (ALARM.COM HO)	USA-NASDAQ	US0116421050	ALRM:US
ALLIANCE DATA SYSTEMS CORP (ALLIANCEDATA)	USA-NYSE	US0185811082	ADS:US
ALTAIR ENGINEERING INC - A (ALTAIR ENGIN)	USA-NASDAQ	US0213691035	ALTR:US
ALTERYX INC - CLASS A (ALTERYX INC)	USA-NYSE	US02156B1035	AYX:US
AMADEUS IT GROUP SA (AMADEUS IT)	DEU-XETRA	ES0109067019	AI3A:GR
AMBARELLA INC (AMBARELLA IN)	USA-NASDAQ	KYG037AX1015	AMBA:US
AMDOCS LTD (AMDOCS LTD)	USA-NASDAQ	GB0022569080	DOX:US
AMKOR TECHNOLOGY INC (AMKOR TECH)	USA-NASDAQ	US0316521006	AMKR:US
AMPHENOL CORP-CL A (AMPHENOL)	USA-NYSE	US0320951017	APH:US
ANALOG DEVICES INC (ANALOGDEVICE)	USA-NASDAQ	US0326541051	ADI:US
ANIXTER INTERNATIONAL INC (ANIXTER INTL)	USA-NYSE	US0352901054	AXE:US
ANSYS INC (ANSYS INC)	USA-NASDAQ	US03662Q1058	ANSS:US
APPFOLIO INC - A (APPFOLIO INC)	USA-NASDAQ	US03783C1009	APPF:US
APPIAN CORP (APPIAN CORP)	USA-NASDAQ	US03782L1017	APPN:US
APPLE INC (APPLE INC)	USA-NASDAQ	US0378331005	AAPL:US
APPLIED MATERIALS INC (APPLIED MATE)	USA-NASDAQ	US0382221051	AMAT:US
APPLIED OPTOELECTRONICS INC (APPLIED OPT)	USA-NASDAQ	US03823U1025	AAOI:US
ARISTA NETWORKS INC (ARISTA)	USA-NYSE	US0404131064	ANET:US
ARLO TECHNOLOGIES INC (ARLO TECHN)	USA-NYSE	US04206A1016	ARLO:US
ARRIS INTERNATIONAL PLC (ARRIS INTERN)	USA-NASDAQ	GB00BZ04Y379	ARRS:US
ARROW ELECTRONICS INC (ARROW ELECTR)	USA-NYSE	US0427351004	ARW:US
ASML HOLDING NV-NY REG SHS (ASML HOLDING)	USA-NASDAQ	USN070592100	ASML:US
ASPEN TECHNOLOGY INC (ASPEN TECHNO)	USA-NASDAQ	US0453271035	AZPN:US
ATLASSIAN CORP PLC-CLASS A (ATLASSIAN CO)	USA-NASDAQ	GB00BZ09BD16	TEAM:US
AU OPTRONICS CORP-SPON ADR (AU OPTRONICS )	USA-NYSE	US0022551073	AUO:US
AUTODESK INC (AUTODESK INC)	USA-NASDAQ	US0527691069	ADSK:US
AUTOMATIC DATA PROCESSING (AUTOMATIC DA)	USA-NASDAQ	US0530151036	ADP:US
AVALARA INC (AVALARA INC)	USA-NYSE	US05338G1067	AVLR:US
AVAYA HOLDINGS CORP (AVAYA HOLDIN)	USA-NYSE	US05351X1019	AVYA:US
AVNET INC (AVNET INC)	USA-NASDAQ	US0538071038	AVT:US
AVX CORP (AVX CORP)	USA-NYSE	US0024441075	AVX:US
AXCELIS TECHNOLOGIES INC (AXCELIS TECH)	USA-NASDAQ	US0545402085	ACLS:US
BELDEN INC (BELDEN INC)	USA-NYSE	US0774541066	BDC:US
BENCHMARK ELECTRONICS INC (BENCHMARK)	USA-NYSE	US08160H1014	BHE:US

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BENEFITFOCUS INC (BENEFITFOCUS)	USA-NASDAQ	US08180D1063	BNFT:US
BLACK KNIGHT INC (BLACK KNIGHT)	USA-NYSE	US09215C1053	BKI:US
BLACKBAUD INC (BLACKBAUD)	USA-NASDAQ	US09227Q1004	BLKB:US
BLACKBERRY LTD (BLACKBERRY)	USA-NASDAQ	CA09228F1036	BBRY:US
BLACKLINE INC (BLACKLINE)	USA-NASDAQ	US09239B1098	BL:US
BLUE PRISM GROUP PLC (BLUE PRISM)	GBR-LSE	GB00BYQ0HV16	PRSM:LN
BOOZ ALLEN HAMILTON HOLDINGS (BOOZ ALLEN H)	USA-NYSE	US0995021062	BAH:US
BOTTOMLINE TECHNOLOGIES (DE) (BOTTOMLINE)	USA-NASDAQ	US1013881065	EPAY:US
BOX INC - CLASS A (BOX INC)	USA-NYSE	US10316T1043	BOX:US
BROADCOM INC (BROADCOM LTD)	USA-NASDAQ	US11135F1012	AVGO:US
BROADRIDGE FINANCIAL SOLUTIO (BROADRIDGE F)	USA-NYSE	US11133T1034	BR:US
BROOKS AUTOMATION INC (BROOKS AUTOM)	USA-NASDAQ	US1143401024	BRKS:US
CABOT MICROELECTRONICS CORP (CABOT MICROE)	USA-NASDAQ	US12709P1030	CCMP:US
CACI INTERNATIONAL INC -CL A (CACI INTL)	USA-NYSE	US1271903049	CACI:US
CADENCE DESIGN SYS INC (CADENCE DESI)	USA-NASDAQ	US1273871087	CDNS:US
CANADIAN SOLAR INC (CANADIAN SOL)	USA-NASDAQ	CA1366351098	CSIQ:US
CAPGEMINI SE (CAPGEMINI SA)	DEU-XETRA	FR0000125338	CGM:GR
CARBON BLACK INC (CARBON BLACK)	USA-NASDAQ	US14081R1032	CBLK:US
CARBONITE INC (CARBONITE)	USA-NASDAQ	US1413371055	CARB:US
CARDTRONICS PLC - A (CARDTRONICS )	USA-NASDAQ	GB00BYT18414	CATM:US
CASA SYSTEMS INC (CASA SYSTEMS)	USA-NASDAQ	US14713L1026	CASA:US
CDK GLOBAL INC (CDK GLOBAL)	USA-NASDAQ	US12508E1010	CDK:US
CDW CORP/DE (CDW CORP)	USA-NASDAQ	US12514G1085	CDW:US
CERIDIAN HCM HOLDING INC (CERIDIAN HCM)	USA-NYSE	US15677J1088	CDAY:US
CHECK POINT SOFTWARE TECH (CHECK POINT )	USA-NASDAQ	IL0010824113	CHKP:US
CHEETAH MOBILE INC - ADR (CHEETAH MOBI)	USA-NYSE	US1630751048	CMCM:US
CIENA CORP (CIENA CORP)	USA-NYSE	US1717793095	CIEN:US
CIRRUS LOGIC INC (CIRRUS LOGIC)	USA-NASDAQ	US1727551004	CRUS:US
CISCO SYSTEMS INC (CISCO)	USA-NASDAQ	US17275R1023	CSCO:US
CITRIX SYSTEMS INC (CITRIXSYSTEM)	USA-NASDAQ	US1773761002	CTXS:US
CLOUDERA INC (CLOUDERA INC)	USA-NYSE	US18914U1007	CLDR:US
COGNEX CORP (COGNEX CORP)	USA-NASDAQ	US1924221039	CGNX:US
COGNIZANT TECH SOLUTIONS-A (COGNIZANT)	USA-NASDAQ	US1924461023	CTSH:US
COHERENT INC (COHERENT INC)	USA-NASDAQ	US1924791031	COHR:US
COMMSCOPE HOLDING CO INC (COMMSCOPE HO)	USA-NASDAQ	US20337X1090	COMM:US
COMMVAULT SYSTEMS INC (COMMVAULTSYS)	USA-NASDAQ	US2041661024	CVLT:US
CONDUENT INC (CONDUENT INC)	USA-NYSE	US2067871036	CNDT:US
CONTROL4 CORP (CONTROL4 )	USA-NASDAQ	US21240D1072	CTRL:US
CORELOGIC INC (CORELOGIC)	USA-NYSE	US21871D1037	CLGX:US
CORNERSTONE ONDEMAND INC (CORNERSTONE )	USA-NASDAQ	US21925Y1038	CSOD:US
CORNING INC (CORNING INC)	USA-NYSE	US2193501051	GLW:US
COUPA SOFTWARE INC (COUPA SOFTWA)	USA-NASDAQ	US22266L1061	COUP:US
CRAY INC (CRAY INC)	USA-NASDAQ	US2252233042	CRAY:US
CREE INC (CREE INC)	USA-NASDAQ	US2254471012	CREE:US
CYBERARK SOFTWARE LTD/ISRAEL (CYBERARK SOF)	USA-NASDAQ	IL0011334468	CYBR:US
CYPRESS SEMICONDUCTOR CORP (CYPRESS SEMI)	USA-NASDAQ	US2328061096	CY:US
DAQO NEW ENERGY CORP-ADR (DAQO NEW ENE)	USA-NYSE	US23703Q2030	DQ:US
DASSAULT SYSTEMES SA (DASSAULT SYS)	DEU-XETRA	FR0000130650	DSY1:GR
DASSAULT SYSTEMES S-SPON ADR (DASSAULT SYS)	USA-NASDAQ	US2375451083	DASTY:US
DATAGROUP SE (DATAGROUP SE)	DEU-XETRA	DE000A0JC8S7	D6H:GR
DELL TECHNOLOGIES -C (DELL INC)	USA-NYSE	US24703L2025	DELL:US
DIALOG SEMICONDUCTOR PLC (DIALOG SEMIC)	DEU-XETRA	GB0059822006	DLG:GR
DIEBOLD NIXDORF AG (WINCOR NIXDO)	DEU-XETRA	DE000A0CAYB2	WIN:GR
DIODES INC (DIODES INC)	USA-NASDAQ	US2545431015	DIOD:US
DOCUSIGN INC (DOCUSIGN INC)	USA-NASDAQ	US2561631068	DOCU:US
DOLBY LABORATORIES INC-CL A (DOLBY LABORA)	USA-NYSE	US25659T1079	DLB:US
DOMO INC - CLASS B (DOMO INC)	USA-NASDAQ	US2575541055	DOMO:US
DROPBOX INC-CLASS A (DROPBOX INC)	USA-NASDAQ	US26210C1045	DBX:US
DXC TECHNOLOGY CO (DXC TECHNOLO)	USA-NYSE	US23355L1061	DXC:US
EBIX INC (EBIX INC)	USA-NASDAQ	US2787152063	EBIX:US
ECHOSTAR CORP-A (ECHOSTAR COR)	USA-NASDAQ	US2787681061	SATS:US
ELECTRO SCIENTIFIC INDS INC (ELECTRO SCI )	USA-NASDAQ	US2852291002	ESIO:US
ELECTRONICS FOR IMAGING (ELEC FOR IMA)	USA-NASDAQ	US2860821022	EFII:US
ELLIE MAE INC (ELLIE MAE IN)	USA-NYSE	US28849P1003	ELLI:US
ENTEGRIS INC (ENTEGRIS INC)	USA-NASDAQ	US29362U1043	ENTG:US
ENVESTNET INC (ENVESTNET)	USA-NYSE	US29404K1060	ENV:US
EPAM SYSTEMS INC (EPAM SYSTEMS)	USA-NYSE	US29414B1044	EPAM:US
ERICSSON (LM) TEL-SP ADR (ERICSSON LM)	USA-NASDAQ	US2948216088	ERIC:US
ERICSSON LM-B SHS (ERICSSON)	DEU-XETRA	SE0000108656	ERCB:GR
EURONET WORLDWIDE INC (EURONETWORL)	USA-NASDAQ	US2987361092	EEFT:US
EVERBRIDGE INC (EVERBRIDGE)	USA-NASDAQ	US29978A1043	EVBG:US
EVO PAYMENTS INC-CLASS A (EVO PAYMENTS)	USA-NASDAQ	US26927E1047	EVOP:US
EXTREME NETWORKS INC (EXTREME NETW)	USA-NASDAQ	US30226D1063	EXTR:US
F5 NETWORKS INC (F5 NETWORKS)	USA-NASDAQ	US3156161024	FFIV:US
FABRINET (FABRINET)	USA-NYSE	KYG3323L1005	FN:US

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FAIR ISAAC CORP (FAIR ISAAC)	USA-NYSE	US3032501047	FICO:US
FIDELITY NATIONAL INFO SERV (FIDELITY NAT)	USA-NYSE	US31620M1062	FIS:US
FINISAR CORPORATION (FINISAR CORP)	USA-NASDAQ	US31787A5074	FNSR:US
FIREEYE INC (FIREEYE INC)	USA-NASDAQ	US31816Q1013	FEYE:US
FIRST DATA CORP- CLASS A (FIRST DATA)	USA-NYSE	US32008D1063	FDC:US
FIRST SOLAR INC (FIRST SOLAR )	USA-NASDAQ	US3364331070	FSLR:US
FISERV INC (FISERV INC)	USA-NASDAQ	US3377381088	FISV:US
FITBIT INC - A (FITBIT INC)	USA-NYSE	US33812L1026	FIT:US
FIVE9 INC (FIVE9 INC)	USA-NASDAQ	US3383071012	FIVN:US
FLEETCOR TECHNOLOGIES INC (FLEETCOR TEC)	USA-NYSE	US3390411052	FLT:US
FLEX LTD (FLEXTRONICS )	USA-NASDAQ	SG9999000020	FLEX:US
FLIR SYSTEMS INC (FLIR SYSTEMS)	USA-NASDAQ	US3024451011	FLIR:US
FORESCOUT TECHNOLOGIES INC (FORESCOUT TE)	USA-NASDAQ	US34553D1019	FSCT:US
FORTINET INC (FORTINET INC)	USA-NASDAQ	US34959E1091	FTNT:US
GARTNER INC (GARTNER INC)	USA-NYSE	US3666511072	IT:US
GFT TECHNOLOGIES AG (GFT TECHN)	DEU-XETRA	DE0005800601	GFT:GR
GLOBAL PAYMENTS INC (GLOBAL PAYME)	USA-NYSE	US37940X1028	GPN:US
GLOBANT SA (GLOBANT SA)	USA-NYSE	LU0974299876	GLOB:US
GODADDY INC - CLASS A (GODADDY INC)	USA-NYSE	US3802371076	GDDY:US
GREENSKY INC-CLASS A (GREENSKY INC)	USA-NASDAQ	US39572G1004	GSKY:US
GTT COMMUNICATIONS INC (GTT COMMUNIC)	USA-NYSE	US3623931009	GTT:US
GUIDEWIRE SOFTWARE INC (GUIDEWIRE SO)	USA-NYSE	US40171V1008	GWRE:US
HANWHA Q CELLS CO LTD - ADR (HANWHA Q )	USA-NASDAQ	US41135V3015	HQCL:US
HEWLETT PACKARD ENTERPRISE (HPENTERPRISE)	USA-NYSE	US42824C1099	HPE:US
HIMAX TECHNOLOGIES INC-ADR (HIMAX TECHNO)	USA-NASDAQ	US43289P1066	HIMX:US
HP INC (HP INC)	USA-NYSE	US40434L1052	HPQ:US
HUBSPOT INC (HUBSPOT INC)	USA-NYSE	US4435731009	HUBS:US
ICHOR HOLDINGS LTD (ICHORHOLDING)	USA-NASDAQ	KYG4740B1059	ICHR:US
II-VI INC (II-VI INC)	USA-NASDAQ	US9021041085	IIVI:US
IMPINJ INC (IMPINJ INC)	USA-NASDAQ	US4532041096	PI:US
INFINEON TECHNOLOGIES AG (INFINEON TEC)	DEU-XETRA	DE0006231004	IFX:GR
INFINERA CORP (INFINERA)	USA-NASDAQ	US45667G1031	INFN:US
INFOSYS LTD-SP ADR (INFOSYS LTD)	USA-NYSE	US4567881085	INFY:US
INPHI CORP (INPHI CORP)	USA-NYSE	US45772F1075	IPHI:US
INSIGHT ENTERPRISES INC (INSIGHT ENTE)	USA-NASDAQ	US45765U1034	NSIT:US
INSTRUCTURE INC (INSTRUCTURE )	USA-NYSE	US45781U1034	INST:US
INTEGRATED DEVICE TECH INC (INTEGRAT DEV)	USA-NASDAQ	US4581181066	IDTI:US
INTEL CORP (INTEL CORP)	USA-NASDAQ	US4581401001	INTC:US
INTERDIGITAL INC (INTERDIGITAL)	USA-NASDAQ	US45867G1013	IDCC:US
INTERXION HOLDING NV (INTERXION HO)	USA-NYSE	NL0009693779	INXN:US
INTL BUSINESS MACHINES CORP (IBM)	USA-NYSE	US4592001014	IBM:US
INTUIT INC (INTUIT INC)	USA-NASDAQ	US4612021034	INTU:US
IPG PHOTONICS CORP (IPG PHOTONIC)	USA-NASDAQ	US44980X1090	IPGP:US
IQE PLC (IQE PLC)	GBR-LSE	GB0009619924	IQE:LN
ITRON INC (ITRON INC)	USA-NASDAQ	US4657411066	ITRI:US
J2 GLOBAL INC (J2 GLOBAL)	USA-NASDAQ	US48123V1026	JCOM:US
JABIL INC (JABIL INC)	USA-NYSE	US4663131039	JBL:US
JACK HENRY & ASSOCIATES INC (JACK HENRY)	USA-NASDAQ	US4262811015	JKHY:US
JINKOSOLAR HOLDING CO-ADR (JINKOSOLAR)	USA-NYSE	US47759T1007	JKS:US
JUNIPER NETWORKS INC (JUNIPER NETW)	USA-NYSE	US48203R1041	JNPR:US
KEMET CORP (KEMET CORP)	USA-NYSE	US4883602074	KEM:US
KEYSIGHT TECHNOLOGIES IN (KEYSIGHT TEC)	USA-NYSE	US49338L1035	KEYS:US
KLA-TENCOR CORP (KLA-TENCOR)	USA-NASDAQ	US4824801009	KLAC:US
KNOWLES CORP (KNOWLES CORP)	USA-NYSE	US49926D1090	KN:US
KULICKE & SOFFA INDUSTRIES (KULICKESOFFA)	USA-NASDAQ	US5012421013	KLIC:US
LAM RESEARCH CORP (LAM RESEARCH)	USA-NASDAQ	US5128071082	LRCX:US
LATTICE SEMICONDUCTOR CORP (LATTICE SEMI)	USA-NASDAQ	US5184151042	LSCC:US
LEIDOS HOLDINGS INC (LEIDOS HOLDI)	USA-NYSE	US5253271028	LDOS:US
LENOVO GROUP LTD-ADR (LENOVO)	USA-NASDAQ	US5262501050	LNVGY:US
LITTELFUSE INC (LITTELFUSE)	USA-NASDAQ	US5370081045	LFUS:US
LIVEPERSON INC (LIVEPERSON)	USA-NASDAQ	US5381461012	LPSN:US
LOGMEIN INC (LOGMEIN INC)	USA-NASDAQ	US54142L1098	LOGM:US
LUMENTUM HOLDINGS INC (LUMENTUM)	USA-NASDAQ	US55024U1097	LITE:US
MACOM TECHNOLOGY SOLUTIONS H (MACOM TECHNO)	USA-NASDAQ	US55405Y1001	MTSI:US
MANHATTAN ASSOCIATES INC (MANHATTAN AS)	USA-NASDAQ	US5627501092	MANH:US
MANTECH INTERNATIONAL CORP-A (MANTECH INTL)	USA-NASDAQ	US5645631046	MANT:US
MARVELL TECHNOLOGY GROUP LTD (MARVELL TECH)	USA-NASDAQ	BMG5876H1051	MRVL:US
MASTERCARD INC - A (MASTERCARD)	USA-NYSE	US57636Q1040	MA:US
MAXIM INTEGRATED PRODUCTS (MAXIM INTEGR)	USA-NASDAQ	US57772K1016	MXIM:US
MAXIMUS INC (MAXIMUS INC)	USA-NYSE	US5779331041	MMS:US
MAXLINEAR INC (MAXLINEAR)	USA-NYSE	US57776J1007	MXL:US
MELLANOX TECHNOLOGIES LTD (MELLANOX TEC)	USA-NASDAQ	IL0011017329	MLNX:US
MICRO FOCUS INTERNATIONAL (MICRO FOCUS)	GBR-LSE	GB00BD8YWM01	MCRG:LN
MICROCHIP TECHNOLOGY INC (MICROCHIP TE)	USA-NASDAQ	US5950171042	MCHP:US
MICRON TECHNOLOGY INC (MICRON TECH)	USA-NASDAQ	US5951121038	MU:US

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MICROSOFT CORP (MICROSOFT)	USA-NASDAQ	US5949181045	MSFT:US
MICROSTRATEGY INC-CL A (MICROSTRATEG)	USA-NASDAQ	US5949724083	MSTR:US
MICROVISION INC (MICROVISION )	USA-NASDAQ	US5949603048	MVIS:US
MIMECAST LTD (MIMECAST LTD)	USA-NASDAQ	GB00BYT5JK65	MIME:US
MINDBODY INC - CLASS A (MINDBODY INC)	USA-NASDAQ	US60255W1053	MB:US
MIX TELEMATICS LTD-SP ADR (MIX TELEMATI)	USA-NYSE	US60688N1028	MIXT:US
MKS INSTRUMENTS INC (MKS INSTRUME)	USA-NASDAQ	US55306N1046	MKSI:US
MONGODB INC (MONGODB)	USA-NASDAQ	US60937P1066	MDB:US
MONOLITHIC POWER SYSTEMS INC (MONOLITHIC)	USA-NASDAQ	US6098391054	MPWR:US
MOTOROLA SOLUTIONS INC (MOTOROLA SOL)	USA-NYSE	US6200763075	MSI:US
MTS SYSTEMS CORP (MTS SYSTEMS )	USA-NASDAQ	US5537771033	MTSC:US
NANOMETRICS INC (NANOMETRICS )	USA-NASDAQ	US6300771051	NANO:US
NATIONAL INSTRUMENTS CORP (NATL INSTRUM)	USA-NASDAQ	US6365181022	NATI:US
NCR CORPORATION (NCR CORP)	USA-NYSE	US62886E1082	NCR:US
NETAPP INC (NETAPP INC)	USA-NASDAQ	US64110D1046	NTAP:US
NETGEAR INC (NETGEAR INC)	USA-NASDAQ	US64111Q1040	NTGR:US
NETLIST INC (NETLIST INC)	USA-NASDAQ	US64118P1093	NLST:US
NETSCOUT SYSTEMS INC (NETSCOUT SYS)	USA-NASDAQ	US64115T1043	NTCT:US
NEW RELIC INC (NEW RELIC)	USA-NYSE	US64829B1008	NEWR:US
NLIGHT INC (NLIGHT INC)	USA-NASDAQ	US65487K1007	LASR:US
NOKIA CORP-SPON ADR (NOKIA CORP)	USA-NYSE	US6549022043	NOK:US
NOKIA OYJ (NOKIA OYJ)	DEU-XETRA	FI0009000681	NOA3:GR
NOVANTA INC (NOVANTA INC)	USA-NASDAQ	CA67000B1040	NOVT:US
NUANCE COMMUNICATIONS INC (NUANCE COMMU)	USA-NASDAQ	US67020Y1001	NUAN:US
NUTANIX INC - A (NUTANIX INC)	USA-NASDAQ	US67059N1081	NTNX:US
NVE CORP (NVE CORP)	USA-NASDAQ	US6294452064	NVEC:US
NVIDIA CORP (NVIDIA CORP)	USA-NASDAQ	US67066G1040	NVDA:US
NXP SEMICONDUCTORS NV (NXP SEMICOND)	USA-NASDAQ	NL0009538784	NXPI:US
OKTA INC (OKTA INC)	USA-NASDAQ	US6792951054	OKTA:US
ON SEMICONDUCTOR CORP (ON SEMICONDU)	USA-NASDAQ	US6821891057	ON:US
OPERA LTD-ADR (OPERA LTD)	USA-NASDAQ	US68373M1071	OPRA:US
ORACLE CORP (ORACLE CORP)	USA-NYSE	US68389X1054	ORCL:US
ORBOTECH LTD (ORBOTECH LTD)	USA-NASDAQ	IL0010823388	ORBK:US
OSI SYSTEMS INC (OSI SYSTEMS )	USA-NASDAQ	US6710441055	OSIS:US
PAGSEGURO DIGITAL LTD-CL A (PAGSEGURO)	USA-NYSE	KYG687071012	PAGS:US
PALO ALTO NETWORKS INC (PALO ALTO NE)	USA-NYSE	US6974351057	PANW:US
PAYCHEX INC (PAYCHEX INC)	USA-NASDAQ	US7043261079	PAYX:US
PAYCOM SOFTWARE INC (PAYCOM SOFTW)	USA-NYSE	US70432V1026	PAYC:US
PAYLOCITY HOLDING CORP (PAYLOCITY)	USA-NASDAQ	US70438V1061	PCTY:US
PAYPAL HOLDINGS INC (PAYPAL)	USA-NASDAQ	US70450Y1038	PYPL:US
PEGASYSTEMS INC (PEGASYSTEMS )	USA-NASDAQ	US7055731035	PEGA:US
PERSPECTA INC (PERSPECTA)	USA-NYSE	US7153471005	PRSP:US
PLEXUS CORP (PLEXUS CORP)	USA-NASDAQ	US7291321005	PLXS:US
PLURALSIGHT INC - A (PLURALSIGHT )	USA-NASDAQ	US72941B1061	PS:US
POWER INTEGRATIONS INC (POWER INTEGR)	USA-NASDAQ	US7392761034	POWI:US
PROGRESS SOFTWARE CORP (PROGRESSOFT)	USA-NASDAQ	US7433121008	PRGS:US
PROOFPOINT INC (PROOFPOINT)	USA-NASDAQ	US7434241037	PFPT:US
PROS HOLDINGS INC (PROS HOLDING)	USA-NYSE	US74346Y1038	PRO:US
PTC INC (PTC INC)	USA-NASDAQ	US69370C1009	PTC:US
QAD INC-A (QAD INC)	USA-NASDAQ	US74727D3061	QADA:US
QORVO INC (QORVO INC)	USA-NASDAQ	US74736K1016	QRVO:US
QUALCOMM INC (QUALCOMM INC)	USA-NASDAQ	US7475251036	QCOM:US
QUALYS INC (QUALYS INC)	USA-NASDAQ	US74758T3032	QLYS:US
RADWARE LTD (RADWARE LTD)	USA-NASDAQ	IL0010834765	RDWR:US
RAMBUS INC (RAMBUS INC)	USA-NASDAQ	US7509171069	RMBS:US
RAPID7 INC (RAPID7 INC)	USA-NASDAQ	US7534221046	RPD:US
REALPAGE INC (REALPAGE INC)	USA-NASDAQ	US75606N1090	RP:US
RED HAT INC (RED HAT INC)	USA-NYSE	US7565771026	RHT:US
RIB SOFTWARE SE (RIB SOFTWARE)	DEU-XETRA	DE000A0Z2XN6	RIB:GR
RINGCENTRAL INC-CLASS A (RING CENTRAL)	USA-NYSE	US76680R2067	RNG:US
SABRE CORP (SABRE CORP)	USA-NASDAQ	US78573M1045	SABR:US
SAGE GROUP PLC/THE (SAGE GROUP)	GBR-LSE	GB00B8C3BL03	SGE:LN
SALESFORCE.COM INC (SALESFORCE)	USA-NYSE	US79466L3024	CRM:US
SAMSUNG ELECTR-GDR (SAMSUNG)	DEU-XETRA	US7960508882	SSU:GR
SANMINA CORP (SANMINA CORP)	USA-NASDAQ	US8010561020	SANM:US
SAP SE (SAP SE)	DEU-XETRA	DE0007164600	SAP:GR
SAP SE-SPONSORED ADR (SAP SE-SPONS)	USA-NYSE	US8030542042	SAP:US
SEACHANGE INTERNATIONAL INC (SEACHANGE IN)	USA-NASDAQ	US8116991071	SEAC:US
SEAGATE TECHNOLOGY (SEAGATE TECH)	USA-NASDAQ	IE00B58JVZ52	STX:US
SEMTECH CORP (SEMTECH CORP)	USA-NASDAQ	US8168501018	SMTC:US
SENDGRID INC (SENDGRID INC)	USA-NYSE	US8168831027	SEND:US
SERVICENOW INC (SERVICENOW)	USA-NYSE	US81762P1021	NOW:US
SHOPIFY INC - CLASS A (SHOPIFY INC)	USA-NYSE	CA82509L1076	SHOP:US
SHOTSPOTTER INC (SHOTSPOTTER )	USA-NASDAQ	US82536T1079	SSTI:US
SILICON LABORATORIES INC (SILICON LABS)	USA-NASDAQ	US8269191024	SLAB:US

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SILICON MOTION TECHNOLOG-ADR (SILICON MOTI)	USA-NASDAQ	US82706C1080	SIMO:US
SKYWORKS SOLUTIONS INC (SKYWORKS SOL)	USA-NASDAQ	US83088M1027	SWKS:US
SMA SOLAR TECHNOLOGY AG (SMA SOLAR)	DEU-XETRA	DE000A0DJ6J9	S92:GR
SMART GLOBAL HOLDINGS INC (SMART GLOBAL)	USA-NASDAQ	KYG8232Y1017	SGH:US
SMARTSHEET INC-CLASS A (SMARTSHEET)	USA-NYSE	US83200N1037	SMAR:US
SOFTWARE AG (SOFTWARE AG)	DEU-XETRA	DE000A2GS401	SOW:GR
SOLAREEDGE TECHNOLOGIES INC (SOLAREEDGE)	USA-NASDAQ	US83417M1045	SEDG:US
SPLUNK INC (SPLUNK INC)	USA-NASDAQ	US8486371045	SPLK:US
SPS COMMERCE INC (SPS COMMERCE)	USA-NASDAQ	US78463M1071	SPSC:US
SQUARE INC - A (SQUARE INC)	USA-NYSE	US8522341036	SQ:US
SS&C TECHNOLOGIES HOLDINGS (SS&C TECHNOL)	USA-NASDAQ	US78467J1007	SSNC:US
STMICROELECTRONICS NV (STMICROELECT)	DEU-XETRA	NL0000226223	SGM:GR
STRATASYS LTD (STRATASYS)	USA-NASDAQ	IL0011267213	SSYS:US
SUESS MICROTEC SE (SUESS MICROT)	DEU-XETRA	DE000A1K0235	SMHN:GR
SUNPOWER CORP (SUNPOWER)	USA-NASDAQ	US8676524064	SPWR:US
SUPER MICRO COMPUTER INC (SUPER MICRO )	USA-NASDAQ	US86800U1043	SMCI:US
SVMK INC (SURVEYMONKEY)	USA-NASDAQ	US78489X1037	SVMK:US
SYMANTEC CORP (SYMANTEC COR)	USA-NASDAQ	US8715031089	SYMC:US
SYNAPTICS INC (SYNAPTICS)	USA-NASDAQ	US87157D1090	SYNA:US
SYNNEX CORP (SYNNEX CORP )	USA-NYSE	US87162W1009	SNX:US
SYNOPSIS INC (SYNOPSIS INC)	USA-NASDAQ	US8716071076	SNPS:US
TABLEAU SOFTWARE INC-CL A (TABLEAU SOFT)	USA-NYSE	US87336U1051	DATA:US
TAIWAN SEMICONDUCTOR-SP ADR (TAIWAN SEMIC)	USA-NYSE	US8740391003	TSM:US
TALEND SA - ADR (TALEND SA)	USA-NASDAQ	US8742242071	TLND:US
TE CONNECTIVITY LTD (TE CONNECTIV)	USA-NYSE	CH0102993182	TEL:US
TECH DATA CORP (TECH DATA)	USA-NASDAQ	US8782371061	TECD:US
TENABLE HOLDINGS INC (TENABLE HOLD)	USA-NASDAQ	US88025T1025	TENB:US
TERADATA CORP (TERADATA)	USA-NYSE	US88076W1036	TDC:US
TERADYNE INC (TERADYNE INC)	USA-NYSE	US8807701029	TER:US
TEXAS INSTRUMENTS INC (TEXAS INSTRU)	USA-NASDAQ	US8825081040	TXN:US
TIVO CORP (TIVO CORP)	USA-NASDAQ	US88870P1066	TIVO:US
TOTAL SYSTEM SERVICES INC (TOTAL SYSTEM)	USA-NYSE	US8919061098	TSS:US
TOWER SEMICONDUCTOR LTD (TOWER SEMICO)	USA-NASDAQ	IL0010823792	TSEM:US
TRADE DESK INC/THE -CLASS A (TRADE DESK)	USA-NASDAQ	US88339J1051	TTD:US
TRAVELPORT WORLDWIDE LTD (TRAVELPORT)	USA-NYSE	BMG9019D1048	TVPT:US
TRIMBLE INC (TRIMBLE INC)	USA-NASDAQ	US8962391004	TRMB:US
TTM TECHNOLOGIES (TTM TECHN)	USA-NASDAQ	US87305R1095	TTMI:US
TWILIO INC - A (TWILIO INC)	USA-NYSE	US90138F1021	TWLO:US
UBIQUITI NETWORKS INC (UBIQUITI NET)	USA-NASDAQ	US90347A1007	UBNT:US
ULTIMATE SOFTWARE GROUP INC (ULTIMATE SOF)	USA-NASDAQ	US90385D1072	ULTI:US
ULTRA CLEAN HOLDINGS INC (ULTRA CLEAN )	USA-NASDAQ	US90385V1070	UCTT:US
UNIVERSAL DISPLAY CORP (UNIVERSAL DI)	USA-NASDAQ	US91347P1057	OLED:US
UPLAND SOFTWARE INC (UPLAND SOFT)	USA-NASDAQ	US91544A1097	UPLD:US
VARONIS SYSTEMS INC (VARONIS SYST)	USA-NASDAQ	US9222801022	VRNS:US
VEECO INSTRUMENTS INC (VEECO INSTRU)	USA-NASDAQ	US9224171002	VECO:US
VERINT SYSTEMS INC (VERINTSYSTEM)	USA-NASDAQ	US92343X1000	VRNT:US
VERISIGN INC (VERISIGN INC)	USA-NASDAQ	US92343E1029	VRSN:US
VERITONE INC (VERITONE INC)	USA-NASDAQ	US92347M1009	VERI:US
VIASAT INC (VIASAT INC)	USA-NASDAQ	US92552V1008	VSAT:US
VIAVI SOLUTIONS INC (VIAVI SOLUTI)	USA-NASDAQ	US9255501051	VIAV:US
VIRNETX HOLDING CORP (VIRNETX HOLD)	USA-NYSE	US92823T1088	VHC:US
VISA INC-CLASS A SHARES (VISA INC)	USA-NYSE	US92826C8394	V:US
VMWARE INC-CLASS A (VMWARE INC)	USA-NYSE	US9285634021	VMW:US
WESTERN DIGITAL CORP (WESTERNDIGIT)	USA-NASDAQ	US9581021055	WDC:US
WESTERN UNION CO (WESTERNUNION)	USA-NYSE	US9598021098	WU:US
WIRECARD AG (WIRECARD AG)	DEU-XETRA	DE0007472060	WDI:GR
WIX.COM LTD (WIX.COM LTD)	USA-NASDAQ	IL0011301780	WIX:US
WORKDAY INC-CLASS A (WORKDAY INC)	USA-NASDAQ	US98138H1014	WDAY:US
XILINX INC (XILINX INC)	USA-NASDAQ	US9839191015	XLNX:US
XUNLEI LTD-ADR (XUNLEI LTD)	USA-NASDAQ	US98419E1082	XNET:US
YEXT INC (YEXT INC)	USA-NYSE	US98585N1063	YEXT:US
ZEBRA TECHNOLOGIES CORP-CL A (ZEBRA TECH)	USA-NASDAQ	US9892071054	ZBRA:US
ZENDESK INC (ZENDESK INC)	USA-NYSE	US98936J1016	ZEN:US
ZSCALER INC (ZSCALER INC)	USA-NASDAQ	US98980G1022	ZS:US

## Materials

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
AGNICO EAGLE MINES LTD (AGNICO EAGLE)	USA-NYSE	CA0084741085	AEM:US
AIR PRODUCTS & CHEMICALS INC (AIR PRODUCTS )	USA-NYSE	US0091581068	APD:US
AK STEEL HOLDING CORP (AK STEEL HLD)	USA-NYSE	US0015471081	AKS:US
ALBEMARLE CORP (ALBEMARLE )	USA-NYSE	US0126531013	ALB:US

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ALCOA CORP (ALCOA INC)	USA-NYSE	US0138721065	AA:US
ALLEGHENY TECHNOLOGIES INC (ALLEGHENY )	USA-NYSE	US01741R1023	ATI:US
ALMADEX MINERALS LTD/NEW (ALMADEX LTD)	DEU-XETRA	CA02028L1076	0
AMERICAS SILVER CORP (AMER SILVER)	DEU-XETRA	CA03063L7051	SZ71:GR
ANGLO AMERICAN PLC (ANGLO AMER)	GBR-LSE	GB00B1XZS820	AAL:LN
ANGLOGOLD ASHANTI-SPON ADR (ANGLOGOLD AS)	USA-NYSE	US0351282068	AU:US
ANTOFAGASTA PLC (ANTOFAGASTA )	GBR-LSE	GB0000456144	ANTO:LN
APTARGROUP INC (APTARGROUP)	USA-NYSE	US0383361039	ATR:US
ASHLAND GLOBAL HOLDINGS INC (ASHLAND GLOB)	USA-NYSE	US0441861046	ASH:US
ATAC RESOURCES LTD (ATAC RESOURC)	DEU-XETRA	CA0464911068	14A:GR
AURUBIS AG (AURUBIS AG)	DEU-XETRA	DE0006766504	NDA:GR
AURYN RESOURCES INC (AURYN RESOUR)	DEU-XETRA	CA05208W1086	AUN:GR
AVERY DENNISON CORP (AVERY DENNIS)	USA-NYSE	US0536111091	AVY:US
AVINO SILVER & GOLD MINES (AVINO SILVER)	USA-NYSE	CA0539061030	ASM:US
AXALTA COATING SYSTEMS LTD (AXALTA COATI)	USA-NYSE	BMG0750C1082	AXTA:US
AZUCAR MINERALS LTD (AZUCAR LTD)	DEU-XETRA	CA05501V1040	28X:GR
BALCHEM CORP (BALCHEM CORP)	USA-NASDAQ	US0576652004	BCPC:US
BALL CORP (BALL CORP)	USA-NYSE	US0584981064	BLI:US
BALMORAL RESOURCES LTD (BALMORAL RES)	DEU-XETRA	CA05874M1032	BOR:GR
BARRICK GOLD CORP (BARRICK GOLD)	USA-NYSE	CA0679011084	GOLD:US
BASF SE (BASF SE)	DEU-XETRA	DE000BASF111	BAS:GR
BEMIS COMPANY (BEMIS CO)	USA-NYSE	US0814371052	BMS:US
BERRY GLOBAL GROUP INC (BERRY GLOBAL)	USA-NYSE	US08579W1036	BERY:US
BHP GROUP LTD-SPON ADR (BHP BILLIT L)	USA-NYSE	US0886061086	BHP:US
BOISE CASCADE CO (BOISE CASCAD)	USA-NYSE	US09739D1000	BCC:US
CABOT CORP (CABOT CORP)	USA-NYSE	US1270551013	CBT:US
CANASIL RESOURCES (CANASIL RESO)	DEU-XETRA	CA13723D1006	3CC:GR
CARPENTER TECHNOLOGY (CARPENTER TE)	USA-NYSE	US1442851036	CRS:US
CELANESE CORP (CELANESE COR)	USA-NYSE	US1508701034	CE:US
CEMEX SAB-SPONS ADR PART CER (CEMEX SAB-SP)	USA-NYSE	US1512908898	CX:US
CENTURY ALUMINUM COMPANY (CENTURY ALUM)	USA-NASDAQ	US1564311082	CENX:US
CF INDUSTRIES HOLDINGS INC (CFINDUSTRIES)	USA-NYSE	US1252691001	CF:US
CHEMOURS CO/THE (THE CHEMOURS)	USA-NYSE	US1638511089	CC:US
CHR HANSEN HOLDING -SPON ADR (CHR HANSEN)	USA-NASDAQ	US12545M2070	CHYHY:US
CIA DE MINAS BUENAVENTUR-ADR (MINAS BUENAV)	USA-NYSE	US2044481040	BVN:US
CLEVELAND-CLIFFS INC (CLEVELAND)	USA-NYSE	US1858991011	CLF:US
COEUR MINING INC (COEUR MINING)	USA-NYSE	US1921085049	CDE:US
COMMERCIAL METALS CO (COMM METALS)	USA-NYSE	US2017231034	CMC:US
COMPASS MINERALS INTERNATION (COMPASS MINE)	USA-NYSE	US20451N1019	CMP:US
CONSTELLIUM NV- CLASS A (CONSTELLIUM )	USA-NYSE	NL0010489522	CSTM:US
COVESTRO AG (COVESTRO AG)	DEU-XETRA	DE0006062144	1COV:GR
CRH PLC-SPONSORED ADR (CRH PLC)	USA-NYSE	US12626K2033	CRH:US
CROWN HOLDINGS INC (CROWN HOLDIN)	USA-NYSE	US2283681060	CCK:US
DOMTAR CORP (DOMTAR CORP)	USA-NYSE	US2575592033	UFS:US
DOWDUPONT INC (DOWDUPONT)	USA-NYSE	US26078J1007	DWDP:US
DRDGOLD LTD-SPONSORED ADR (DRDGOLD LTD)	USA-NYSE	US26152H3012	DRD:US
EAGLE MATERIALS INC (EAGLE MATERI)	USA-NYSE	US26969P1084	EXP:US
EASTMAN CHEMICAL CO (EASTMAN CHEM)	USA-NYSE	US2774321002	EMN:US
ECOLAB INC (ECOLAB INC)	USA-NYSE	US2788651006	ECL:US
EVONIK INDUSTRIES AG (EVONIK INDUS)	DEU-XETRA	DE000EVNK013	EVK:GR
FERROGLOBE PLC (FERROGLOBE)	USA-NASDAQ	GB00BYW6GV68	GSM:US
FMC CORP (FMC CORP)	USA-NYSE	US3024913036	FMC:US
FORTUNA SILVER MINES INC (FORTUNA SILV)	USA-NYSE	CA3499151080	FSM:US
FREEMPORT-MCMORAN INC (FREEMPORT-MCM)	USA-NYSE	US35671D8570	FCX:US
FRESNILLO PLC (FRESNILLO)	GBR-LSE	GB00B2QPKJ12	FRES:LN
FUCHS PETROLUB SE -PREF (FUCHS PETR-P)	DEU-XETRA	DE0005790430	FPE3:GR
GCP APPLIED TECHNOLOGIES (GCP APPLIED )	USA-NYSE	US36164Y1010	GCP:US
GERDAU SA -SPON ADR (GERDAU SA)	USA-NYSE	US3737371050	GGB:US
GLENCORE PLC (GLENCORE PLC)	GBR-LSE	JE00B4T3BW64	GLEN:LN
GOGOLD RESOURCES INC (GOGOLD RESOU)	DEU-XETRA	CA38045Y1025	GGD:GR
GOLD FIELDS LTD-SPONS ADR (GOLD FIELDS)	USA-NYSE	US38059T1060	GFI:US
GOLD RESOURCE CORP (GOLDRESOURCE)	USA-NYSE	US38068T1051	GORO:US
GOLDCORP INC (GOLDCORP INC)	USA-NYSE	CA3809564097	GG:US
GOLDEN ARROW RESOURCES CORP (GOLDEN ARROW)	DEU-XETRA	CA38080W1023	G6A:GR
GOLDGROUP MINING INC (GOLDGROUP MI)	DEU-XETRA	CA38141A1075	55G:GR
GOLDMINING INC (GOLDMINING )	DEU-XETRA	CA38149E1016	BSR:GR
GOLDSOURCE MINES INC (GOLDSOURCE )	DEU-XETRA	CA38153U1084	G5M:GR
GRAPHIC PACKAGING HOLDING CO (GRAPHIC PACK)	USA-NYSE	US3886891015	GPK:US
GREAT PANTHER SILVER LTD (GREATPANTHER)	USA-NYSE	CA39115V1013	GPL:US
GREENLAND MINERALS LTD (GREENLAND MI)	DEU-XETRA	AU000000GGG4	G7P :GR
H.B. FULLER CO. (HB FULLER CO)	USA-NYSE	US3596941068	FUL:US
HARMONY GOLD MNG-SPON ADR (HARMONY GOLD)	USA-NYSE	US4132163001	HMY:US
HECLA MINING CO (HECLA MINING)	USA-NYSE	US4227041062	HL:US
HEIDELBERGCEMENT AG (HEIDELBERGCE)	DEU-XETRA	DE0006047004	HEI:GR
HUNTSMAN CORP (HUNTSMAN)	USA-NYSE	US4470111075	HUN:US

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INGEVITY CORP (INGEVITY COR)	USA-NYSE	US45688C1071	NGVT:US
INNOSPEC INC (INNOSPEC INC)	USA-NASDAQ	US45768S1050	IOSP:US
INTERNATIONAL PAPER CO (INTL PAPER )	USA-NYSE	US4601461035	IP:US
INTL FLAVORS & FRAGRANCES (FLVORS & FRAG)	USA-NYSE	US4595061015	IFF:US
INTREPID POTASH INC (INTREPID POT)	USA-NYSE	US46121Y1029	IPI:US
JOHNSON MATTHEY PLC (JOHNSON MATT)	GBR-LSE	GB00BZ4BQC70	JMAT:LN
K+S AG-REG (K+S AG-REG)	DEU-XETRA	DE000K5AG888	SDF:GR
KAISER ALUMINUM CORP (KAISER ALUMI)	USA-NASDAQ	US4830077040	KALU:US
KINROSS GOLD CORP (KINROSS GOLD )	USA-NYSE	CA4969024047	KGC:US
KIRKLAND LAKE GOLD LTD (KIRKLANDLAKE)	DEU-XETRA	CA49741E1007	NGDA:GR
LANXESS AG (LANXESS AG)	DEU-XETRA	DE0005470405	LXS:GR
LARA EXPLORATION LTD (LARA EXPLORA)	DEU-XETRA	CA5166831092	LEW:GR
LEADING EDGE MATERIALS CORP (LEADING EDGE)	DEU-XETRA	CA52171T1003	7FL:GR
LINDE AG (LINDE AG)	DEU-XETRA	DE0006483001	LNA:GR
LONMIN PLC (LONMIN PLC)	GBR-LSE	GB00BYSRJ698	LMI:LN
LOUISIANA-PACIFIC CORP (LOUISIANAPAC)	USA-NYSE	US5463471053	LPX:US
LSB INDUSTRIES INC (LSB INDUSTRI)	USA-NYSE	US5021601043	LXU:US
LYONDELLBASELL INDU-CL A (LYONDELLBASE)	USA-NYSE	NL0009434992	LYB:US
MARATHON GOLD CORP (MARATHON GLD)	DEU-XETRA	CA56580Q1028	MC8:GR
MARTIN MARIETTA MATERIALS (MARTIN MAR M)	USA-NYSE	US5732841060	MLM:US
MCEWEN MINING INC (MCEWENMINING)	USA-NYSE	US58039P1075	MUX:US
MIDAS GOLD CORP (MIDAS GOLD )	DEU-XETRA	CA59562B1013	9MI:GR
MIRASOL RESOURCES LTD (MIRASOL RESO)	DEU-XETRA	CA6046801081	M8R:GR
MONDI PLC (MONDI PLC)	GBR-LSE	GB00B1CRLC47	MNDI:LN
MOSAIC CO/THE (MOSAIC )	USA-NYSE	US61945C1036	MOS:US
NEVADA SUNRISE GOLD CORP (NEVADA SUNRI)	DEU-XETRA	CA64149P3007	NV81:GR
NEVSUN RESOURCES LTD (NEVSUN RESOU)	USA-NYSE	CA64156L1013	NSU:US
NEWMARKET CORP (NEWMARKET CO)	USA-NYSE	US6515871076	NEU:US
NEWMONT MINING CORP (NEWMONT MINI)	USA-NYSE	US6516391066	NEM:US
NOVAGOLD RESOURCES INC (NOVAGOLD )	USA-NYSE	CA66987E2069	NG:US
NUCOR CORP (NUCOR CORP)	USA-NYSE	US6703461052	NUE:US
NULEGACY GOLD CORP (NULEGACY GLD)	DEU-XETRA	CA67053L1085	7NU:GR
NUTRIEN LTD (NUTRIEN LTD)	USA-NYSE	CA67077M1086	NTR:US
OLIN CORP (OLIN CORP)	USA-NYSE	US6806652052	OLN:US
ORION ENGINEERED CARBONS SA (ORION ENGINE)	USA-NYSE	LU1092234845	OEC:US
OUTOKUMPU OYJ (OUTOKUMPU)	DEU-XETRA	FI0009002422	OUTA:GR
OWENS-ILLINOIS INC (OWENS-ILLINO)	USA-NYSE	US6907684038	OI:US
PACKAGING CORP OF AMERICA (PACKAGING CO)	USA-NYSE	US6951561090	PKG:US
PAN AMERICAN SILVER CORP (PAN AMER SIL)	USA-NASDAQ	CA6979001089	PAAS:US
PARAMOUNT GOLD NEVADA CORP (PARAMOUNT GO)	USA-NYSE	US69924M1099	PZG:US
POLYONE CORPORATION (POLYONE)	USA-NYSE	US73179P1066	POL:US
POSCO- SPON ADR (POSCO-SPON )	USA-NYSE	US6934831099	PKX:US
PPG INDUSTRIES INC (PPG INDS INC)	USA-NYSE	US6935061076	PPG:US
PRETIUM RESOURCES INC (PRETIUM RES)	USA-NYSE	CA74139C1023	PVG:US
PURE ENERGY MINERALS LTD (PURE ENERGY )	DEU-XETRA	CA74624B2057	AHG1:GR
QUIMICA Y MINERA CHIL-SP ADR (SOCIEDAD QUI)	USA-NYSE	US8336351056	SQM:US
RANDGOLD RESOURCES LTD-ADR (RANDGOLD RES)	USA-NASDAQ	US7523443098	GOLD:US
RIO TINTO PLC (RIO TINTO)	GBR-LSE	GB0007188757	RIO:LN
RIO TINTO PLC-SPON ADR (RIO TINTO)	USA-NYSE	US7672041008	RIO:US
ROYAL GOLD INC (ROYAL GOLD)	USA-NASDAQ	US7802871084	RGLD:US
RPC GROUP PLC (RPC GROUP)	GBR-LSE	GB0007197378	RPC:LN
SALZGITTER AG (SALZGITTER)	DEU-XETRA	DE0006202005	SZG:GR
SANDSTORM GOLD LTD (SANDSTORM GO)	USA-NYSE	CA80013R2063	SAND:US
SASOL LTD-SPONSORED ADR (SASOL LTD-SP)	USA-NYSE	US8038663006	SSL:US
SCHNITZER STEEL INDS INC-A (SCHNITZER ST)	USA-NASDAQ	US8068821060	SCHN:US
SEALED AIR CORP (SEALED AIR)	USA-NYSE	US81211K1007	SEE:US
SHERWIN-WILLIAMS CO/THE (SHERWIN-WILL)	USA-NYSE	US8243481061	SHW:US
SIBANYE GOLD LTD-SPONS ADR (SIBANYE GOLD)	USA-NYSE	US8257242060	SBGL:US
SILGAN HOLDINGS INC (SILGAN)	USA-NASDAQ	US8270481091	SLGN:US
SOUTH32 - ADR (SOUTH32 LTD)	USA-NASDAQ	US84473L1052	SOUHY:US
STEEL DYNAMICS INC (STEELDYNAMIC)	USA-NASDAQ	US8581191009	STLD:US
SYMRISE AG (SYMRISE AG)	DEU-XETRA	DE000SYM9999	SY1:GR
TECK RESOURCES LTD-CLS B (TECK RESOURC)	USA-NYSE	CA8787422044	TECK:US
THYSSENKRUPP AG (THYSSENKRUPP)	DEU-XETRA	DE0007500001	TKA:GR
TMAC RESOURCES INC (TMAC RESOURC)	DEU-XETRA	CA8725771015	T3MA:GR
TRINSEO SA (TRINSEO SA)	USA-NYSE	LU1057788488	TSE:US
TRONOX LTD-CL A (TRONOX LTD )	USA-NYSE	AU000XINEO47	TROX:US
UNITED STATES STEEL CORP (US STEEL CO)	USA-NYSE	US9129091081	X:US
US CONCRETE INC (US CONCRETE)	USA-NASDAQ	US90333L2016	USCR:US
VALE SA-SP ADR (VALE SA-SP )	USA-NYSE	US91912E1055	VALE:US
VENATOR MATERIALS PLC (VENATOR MATE)	USA-NYSE	GB00BF3ZNS54	VNTR:US
VICTORIA GOLD CORP (VICTORIA GLD)	DEU-XETRA	CA92625W1014	VI9:GR
VULCAN MATERIALS CO (VULCAN MATER)	USA-NYSE	US9291601097	VMC:US
WACKER CHEMIE AG (WACKERCHEMIE)	DEU-XETRA	DE000WCH8881	WCH:GR
WESTROCK CO (WESTROCK CO)	USA-NYSE	US96145D1054	WRK:US



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WHEATON PRECIOUS METALS CORP (WHEATON PREC)	USA-NYSE	CA9628791027	WPM:US
WR GRACE & CO (WR GRACE&CO)	USA-NYSE	US38388F1084	GRA:US
YAMANA GOLD INC (YAMANA GOLD)	USA-NYSE	CA98462Y1007	AUY:US

## Real Estate

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ADLER REAL ESTATE AG (ADLER REAL)	DEU-XETRA	DE0005008007	ADL:GR
ADO PROPERTIES SA (ADO PROPERTI)	DEU-XETRA	LU1250154413	ADJ:GR
ALSTRIA OFFICE REIT-AG (ALSTRIA OFFI)	DEU-XETRA	DE000A0LD2U1	AOX:GR
ALTISOURCE PORTFOLIO SOL (ALTISOURCE P)	USA-NASDAQ	LU0445408270	ASPS:US
AMERICAN TOWER CORP (AMER TOWER)	USA-NYSE	US03027X1000	AMT:US
APARTMENT INVT & MGMT CO -A (APARTMENT IN)	USA-NYSE	US03748R1014	AIV:US
AVALONBAY COMMUNITIES INC (AVALONBAY CO)	USA-NYSE	US0534841012	AVB:US
BOSTON PROPERTIES INC (BOSTON PROPE)	USA-NYSE	US1011211018	BXP:US
BRITISH LAND CO PLC (BRIT LAND CO)	GBR-LSE	GB0001367019	BLND:LN
CBRE GROUP INC - A (CBRE GROUP)	USA-NYSE	US12504L1098	CBG:US
CROWN CASTLE INTL CORP (CROWN CASTLE)	USA-NYSE	US22822V1017	CCI:US
CYRUSONE INC (CYRUSONE INC)	USA-NASDAQ	US23283R1005	CONE:US
DEUTSCHE EUROSHP AG (DEUT EUROSHP)	DEU-XETRA	DE0007480204	DEQ:GR
DEUTSCHE WOHNEN SE (DEUT WOHN-BR)	DEU-XETRA	DE000A0HN5C6	DWNI:GR
DIC ASSET AG (DIC ASSET AG)	DEU-XETRA	DE000A1X3XX4	DIC:GR
DIGITAL REALTY TRUST INC (DIGITAL REAL)	USA-NYSE	US2538681030	DLR:US
EPR PROPERTIES (EPR PROPERTI)	USA-NASDAQ	US26884U1097	EPR:US
EQUINIX INC (EQUINIX INC)	USA-NASDAQ	US29444U7000	EQIX:US
EQUITY RESIDENTIAL (EQUITY RESID)	USA-NYSE	US29476L1070	EQR:US
ESSEX PROPERTY TRUST INC (ESSEX PROPER)	USA-NYSE	US2971781057	ESS:US
EXTRA SPACE STORAGE INC (EXTRA SPACE )	USA-NYSE	US30225T1025	EXR:US
FEDERAL REALTY INVS TRUST (FED REALTY)	USA-NYSE	US3137472060	FRT:US
FOXTONS GROUP PLC (FOXTONS GRP)	GBR-LSE	GB00BCKFY513	FOXT:LN
GAMING AND LEISURE PROPERTIE (GAMING&LEISU)	USA-NASDAQ	US36467J1088	GLPI:US
GLADSTONE LAND CORP (GLADSTONE LA)	USA-NASDAQ	US3765491010	LAND:US
HAMBORNER AG (HAMBORNER RE)	DEU-XETRA	DE0006013006	HAB:GR
HAMMERSON PLC (HAMMERSON)	GBR-LSE	GB0004065016	HMSO:LN
HANNON ARMSTRONG SUSTAINABLE (HANNON ARMST)	USA-NYSE	US41068X1000	HASI:US
HANSTEEN HOLDINGS PLC (HANSTEEN HLD)	GBR-LSE	GB00B0PPFY88	HSTN:LN
HCP INC (HCP INC)	USA-NYSE	US40414L1098	HCP:US
HFF INC-CLASS A (HFF INC)	USA-NYSE	US40418F1084	HF:US
HOST HOTELS & RESORTS INC (HOST HOTELS )	USA-NYSE	US44107P1049	HST:US
HOWARD HUGHES CORP/THE (HOWARDHUGHES)	USA-NYSE	US44267D1072	HHC:US
HUDSON PACIFIC PROPERTIES IN (HUDSON PAC P)	USA-NYSE	US4440971095	HPP:US
IMMOFINANZ AG (IMMOFINANZ )	DEU-XETRA	AT0000A21KS2	IMO1:GR
INTU PROPERTIES PLC (INTU PROPERT)	GBR-LSE	GB0006834344	INTU:LN
IRON MOUNTAIN INC (IRONMOUNTAIN)	USA-NYSE	US46284V1017	IRM:US
JONES LANG LASALLE INC (JONES LANG L)	USA-NYSE	US48020Q1076	JLL:US
KENNEDY-WILSON HOLDINGS INC (KENNEDYWILSN)	USA-NYSE	US4893981070	KW:US
KIMCO REALTY CORP (KIMCO REALTY)	USA-NYSE	US49446R1095	KIM:US
LAMAR ADVERTISING CO-A (LAMAR ADVERT)	USA-NASDAQ	US5128161099	LAMR:US
LEG IMMOBILIEN AG (LEG IMMOBIL)	DEU-XETRA	DE000LEG1110	LEG:GR
LTC PROPERTIES INC (LTC PROPERTI)	USA-NASDAQ	US5021751020	LTC:US
MACERICH CO/THE (MACERICH CO)	USA-NYSE	US5543821012	MAC:US
MAUI LAND & PINEAPPLE CO (MAUI LAND )	USA-NYSE	US5773451019	MLP:US
MEDICAL PROPERTIES TRUST INC (MEDICAL PROP)	USA-NYSE	US58463J3041	MPW:US
OMEGA HEALTHCARE INVESTORS (OMEGA HEALTH)	USA-NYSE	US6819361006	OHI:US
PATRIZIA IMMOBILIEN AG (PATRIZIA IMM)	DEU-XETRA	DE000PAT1AG3	P1Z:GR
PROLOGIS INC (PROLOGIS INC)	USA-NYSE	US74340W1036	PLD:US
PUBLIC STORAGE (PUBLIC STORA)	USA-NYSE	US74460D1090	PSA:US
REALTY INCOME CORP (REALTYINCOME)	USA-NYSE	US7561091049	O:US
REDFIN CORP (REDFIN CORP)	USA-NASDAQ	US75737F1084	RDFN:US
RETAIL OPPORTUNITY INVESTMEN (RETAIL OPPOR)	USA-NASDAQ	US76131N1019	ROIC:US
SABRA HEALTH CARE REIT INC (SABRA HEALTH)	USA-NASDAQ	US78573L1061	SBRA:US
SIMON PROPERTY GROUP INC (SIMON PROPER)	USA-NYSE	US8288061091	SPG:US
SL GREEN REALTY CORP (SL GREEN REA)	USA-NYSE	US78440X1019	SLG:US
STAG INDUSTRIAL INC (STAG IND)	USA-NYSE	US85254J1025	STAG:US
TAG IMMOBILIEN AG (TAG IMMOBIL)	DEU-XETRA	DE0008303504	TEG:GR
TLG IMMOBILIEN AG (TLG IMMOBIL)	DEU-XETRA	DE000A12B8Z4	TLG:GR
UDR INC (UDR INC)	USA-NYSE	US9026531049	UDR:US
VENTAS INC (VENTAS INC)	USA-NYSE	US92276F1003	VTR:US
VONOVIA SE (VONOVIA SE)	DEU-XETRA	DE000A1ML7J1	VNA:GR
VORNADO REALTY TRUST (VORNADO RLTY)	USA-NYSE	US9290421091	VNO:US
WASHINGTON PRIME GROUP INC (WASH PRIME)	USA-NYSE	US93964W1080	WPG:US
WCM BETEILIGUNGS & GRUND AG (WCM BETEILIG)	DEU-XETRA	DE000A1X3X33	WCMK:GR
WEYERHAEUSER CO (WEYERHAEUSER)	USA-NYSE	US9621661043	WY:US

## Utilities

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
AES CORP (AES CORP)	USA-NYSE	US00130H1059	AES:US
ALLETE INC (ALLETE INC)	USA-NYSE	US0185223007	ALE:US
ALLIANT ENERGY CORP (ALLIANT ENER)	USA-NYSE	US0188021085	LNT:US
AMEREN CORPORATION (AMEREN CORP)	USA-NYSE	US0236081024	AEE:US
AMERICAN ELECTRIC POWER (AMERELECTRIC)	USA-NYSE	US0255371017	AEP:US
AMERICAN STATES WATER CO (AMER STATES )	USA-NYSE	US0298991011	AWR:US
AMERICAN WATER WORKS CO INC (AMER WATER)	USA-NYSE	US0304201033	AWK:US
AQUA AMERICA INC (AQUA AMERICA)	USA-NYSE	US03836W1036	WTR:US
ATMOS ENERGY CORP (ATMOS ENERGY)	USA-NYSE	US0495601058	ATO:US
AVANGRID INC (AVANGRID INC)	USA-NYSE	US05351W1036	AGR:US
AVISTA CORP (AVISTA CORP)	USA-NYSE	US05379B1070	AVA:US
BLACK HILLS CORP (BLACK HILLS )	USA-NYSE	US0921131092	BKH:US
CENTERPOINT ENERGY INC (CENTERPOINT )	USA-NYSE	US15189T1079	CNP:US
CENTRICA PLC (CENTRICA PLC)	GBR-LSE	GB00B033F229	CNA:LN
CEZ AS (CEZ AS)	DEU-XETRA	CZ0005112300	CEZ:GR
CIA SANEAMENTO BASICO DE-ADR (SABESP)	USA-NYSE	US20441A1025	SBS:US
CMS ENERGY CORP (CMS ENERGY)	USA-NYSE	US1258961002	CMS:US
CONSOLIDATED EDISON INC (CONS EDISON )	USA-NYSE	US2091151041	ED:US
DOMINION ENERGY INC (DOMINION)	USA-NYSE	US25746U1097	D:US
DTE ENERGY COMPANY (DTE ENERGY )	USA-NYSE	US2333311072	DTE:US
DUKE ENERGY CORP (DUKE ENERGY )	USA-NYSE	US26441C2044	DUK:US
E.ON SE (E.ON SE)	DEU-XETRA	DE000ENAG999	EOAN:GR
EDF (ELECTRICITE )	DEU-XETRA	FR0010242511	E2F:GR
EDISON INTERNATIONAL (EDISON INTL)	USA-NYSE	US2810201077	EIX:US
EL PASO ELECTRIC CO (EL PASO ELEC)	USA-NYSE	US2836778546	EE:US
ELIA SYSTEM OPERATOR SA/NV (ELIA SYSTEM )	DEU-XETRA	BE0003822393	E4S:GR
ENCAVIS AG (CAPITALSTAGE)	DEU-XETRA	DE0006095003	CAP:GR
ENTERGY CORP (ENTERGY CORP)	USA-NYSE	US29364G1031	ETR:US
EVERGY INC (EVERGY INC)	USA-NYSE	US30034W1062	EVRG:US
EVERSOURCE ENERGY (EVERSOURCE )	USA-NYSE	US30040W1080	ES:US
EXELON CORP (EXELON CORP)	USA-NYSE	US30161N1019	EXC:US
FIRSTENERGY CORP (FIRSTENERGY )	USA-NYSE	US3379321074	FE:US
HAWAIIAN ELECTRIC INDS (HAWAIIAN ELE)	USA-NYSE	US4198701009	HE:US
IDACORP INC (IDACORP INC)	USA-NYSE	US4511071064	IDA:US
KOREA ELEC POWER CORP-SP ADR (KOREAELECPWR)	USA-NYSE	US5006311063	KEP:US
MDU RESOURCES GROUP INC (MDU RES GROU)	USA-NYSE	US5526901096	MDU:US
NATIONAL FUEL GAS CO (NATL FUEL GA)	USA-NYSE	US6361801011	NFG:US
NEW JERSEY RESOURCES CORP (NEW JERSEY R)	USA-NYSE	US6460251068	NJR:US
NEXTERA ENERGY INC (NEXTERA ENER)	USA-NYSE	US65339F1012	NEE:US
NISOURCE INC (NISOURCE INC)	USA-NYSE	US65473P1057	NI:US
NORTHWESTERN CORP (NORTHWESTERN)	USA-NYSE	US6680743050	NWE:US
NRG ENERGY INC (NRG ENERGY)	USA-NYSE	US6293775085	NRG:US
OGE ENERGY CORP (OGE ENERGY)	USA-NYSE	US6708371033	OGE:US
ONE GAS INC (ONE GAS INC)	USA-NYSE	US68235P1084	OGS:US
ORMAT TECHNOLOGIES INC (ORMAT TECHNO)	USA-NYSE	US6866881021	ORA:US
OTTER TAIL CORP (OTTER TAIL )	USA-NASDAQ	US6896481032	OTTR:US
P G & E CORP (PG&E CORP)	USA-NYSE	US69331C1080	PCG:US
PATTERN ENERGY GROUP INC -A (PATTERN ENER)	USA-NASDAQ	US70338P1003	PEGI:US
PINNACLE WEST CAPITAL (PINNACLEWEST)	USA-NYSE	US7234841010	PNW:US
PNM RESOURCES INC (PNM RESOURCE)	USA-NYSE	US69349H1077	PNM:US
PPL CORP (PPL CORP)	USA-NYSE	US69351T1060	PPL:US
PUBLIC SERVICE ENTERPRISE GP (PUB SERV ENT)	USA-NYSE	US7445731067	PEG:US
RWE AG (RWE AG)	DEU-XETRA	DE0007037129	RWE:GR
SEMPRA ENERGY (SEMPRAENERGY)	USA-NYSE	US8168511090	SRE:US
SEVERN TRENT PLC (SEVERN TRENT)	GBR-LSE	GB00B1FH8J72	SVT:LN
SOUTHERN CO/THE (SOUTHERN CO)	USA-NYSE	US8425871071	SO:US
SSE PLC (SSE PLC)	GBR-LSE	GB0007908733	SSE:LN
TERRAFORM POWER INC - A (TERRAFORM PO)	USA-NASDAQ	US88104R2094	TERP:US
UGI CORP (UGI CORP)	USA-NYSE	US9026811052	UGI:US
UNIPER SE (UNIPER SE)	DEU-XETRA	DE000UNSE018	UN01:GR
UNITED UTILITIES GROUP PLC (UNITED UTILI)	GBR-LSE	GB00B39J2M42	UU:LN
WEC ENERGY GROUP INC (WEC ENERGY)	USA-NYSE	US92939U1060	WEC:US
XCEL ENERGY INC (XCEL ENERGY )	USA-NYSE	US98389B1008	XEL:US

## ETF

### Commodity

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
COMSTAGE ETF COM X-AGRI TR-I (CBCOMM GR ET)	DEU-XETRA	LU0419741177	CBCOMM:GR
ETFS BRENT CRUDE (OOEA GR ETF)	DEU-XETRA	DE000A1N49P6	OOEA:GR
ETFS COFFEE (OD7B GR ETF)	DEU-XETRA	DE000A0KRJT2	OD7B:GR
ETFS DAILY LEVERAGED GOLD (4RT8 GR ETF)	DEU-XETRA	DE000A0V9YZ7	4RT8:GR
ETFS DAILY LVRG COCOA (4RUP GR ETF)	DEU-XETRA	DE000A0V9ZE9	4RUP:GR
ETFS DAILY LVRG SILVER (4RUE GR ETF)	DEU-XETRA	DE000A0V9Y57	4RUE:GR
ETFS DLY SHRT WTI CRUDE OIL (9GA7 GR ETF)	DEU-XETRA	DE000A0V9XY2	9GA7:GR
ETFS DY LEVERAGED CRUDE OIL (4RT6 GR ETF)	DEU-XETRA	DE000A2BDEB6	4RT6:GR
ETFS SUGAR (OD7R GR ETF)	DEU-XETRA	DE000A0KRJ85	OD7R:GR
ETFS WHEAT (OD7S GR ETF)	DEU-XETRA	DE000A0KRJ93	OD7S:GR
ISHARES GOLD PRODUCERS UCITS ETF (IS0E GR ETF)	DEU-XETRA	IE00B6R52036	IS0E:GR
ISHARES OIL & GAS EXPLORATION & PRODUCTION UCITS (SPOG LN ETF)	GBR-LSE	IE00B6R51Z18	SPOG:LN
ISH DIV COMDTY SWAP DE (DJCOMEX GR E)	DEU-XETRA	DE000A0H0728	DJCOMEX:GR
VANECK VECTORS JUNIOR GOLD MINERS UCITS (G2X GR ETF)	DEU-XETRA	IE00BQQP9G91	G2X:GR
X DBLCI COMMODTY OY SWAP EUR (XDBC GR ETF)	DEU-XETRA	LU0292106167	XDBC:GR
XTRACKER GOLD ETC EUR HDG (XAD1 GR ETF)	DEU-XETRA	DE000A1EK0G3	XAD1:GR

### Equity

#### Communications

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ALTABA INC (ALTABA INC)	USA-NASDAQ	US0213461017	AABA:US
ISHARES EUR 600 TELECOMS DE (SXPPEX GR ET)	DEU-XETRA	DE000A0H08R2	SXPPEX:GR

#### Consumer Discretionary

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARE EUR 600 AUTO&PARTS DE (SXAPEX GR ET)	DEU-XETRA	DE000A0Q4R28	SXAPEX:GR
ISHR EUR 600 TRAVEL&LEIS DE (SXTPEX GR ET)	DEU-XETRA	DE000A0H08S0	SXTPEX:GR
ISHR EUR600 PERSNL&HOUSE DE (SXQPEX GR ET)	DEU-XETRA	DE000A0H08N1	SXQPEX:GR
X MSCI WORLD CONSUMER DISC (XDWC GR ETF)	DEU-XETRA	IE00BM67HP23	XDWC:GR

#### Consumer Staples

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARES ST 600 FOO&BEV DE (SX3PEX GR ET)	DEU-XETRA	DE000A0H08H3	SX3PEX:GR
X EUSTOXX600 FOOD & BEV SWAP (XS3R GR ETF)	DEU-XETRA	LU0292105359	XS3R:GR
X MSCI WORLD CONSUMER STAPL (XDWS GR ETF)	DEU-XETRA	IE00BM67HN09	XDWS:GR

#### Energy

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARES GLOBAL CLEAN ENERGY (IQQH GR ETF)	DEU-XETRA	IE00B1XNHC34	IQQH:GR
ISHARES S&P 500 ENERGY (QDVF GR ETF)	DEU-XETRA	IE00B42NKQ00	QDVF:GR
ISHR EUROPE600 OIL & GAS DE (SXPEX GR ET)	DEU-XETRA	DE000A0H08M3	SXPEX:GR
X MSCI WORLD ENERGY (XDW0 GR ETF)	DEU-XETRA	IE00BM67HM91	XDW0:GR

#### Financial

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARES EUR600 INSURANCE(DE) (SXIPEX GR ET)	DEU-XETRA	DE000A0H08K7	SXIPEX:GR
ISHARES EURO STOXX BANKS 30- (SX7EEX GR ET)	DEU-XETRA	DE0006289309	SX7EEX:GR
ISHARES S&P 500 FINANCIALS (QDVH GR ETF)	DEU-XETRA	IE00B4JNQZ49	QDVH:GR
ISHARES S&P 500 FINANCIALS (QDVH GR ETF)	DEU-XETRA	IE00B4JNQZ49	QDVH:GR
ISHR STOXX EUR 600 BANKS DE (SX7PEX GR ET)	DEU-XETRA	DE000A0F5UJ7	SX7PEX:GR
LYXOR EURSTX600 BANKS (LYXBNK GR ET)	DEU-XETRA	FR0010345371	LYXBNK:GR
SOURCE EURO STOXX OPT BANKS (S7XE GR ETF)	DEU-XETRA	IE00B3Q19T94	S7XE:GR
X MSCI WORLD FINANCIALS (XDWF GR ETF)	DEU-XETRA	IE00BM67HL84	XDWF:GR
X STOXX600 BANKS SWAP (XS7R GR ETF)	DEU-XETRA	LU0292103651	XS7R:GR

### Health Care

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
AMUNDI ETF MSCI EUROPE HEALTH (CH5GR GR ETF)	DEU-XETRA	FR0010688192	CH5:GR
COMSTAGE ETF DJ ST 600 H/C-I (CBSXDR GR ET)	DEU-XETRA	LU0378435985	CBSXDR:GR
ISHARES HEALTHCARE INNOVATION UCITS (2B78 GR ETF)	DEU-XETRA	IE00BYZK4776	2B78:GR
ISHR EUR 600 HEALTH CARE(DE) (SXDPEX GR ET)	DEU-XETRA	DE000A0Q4R36	SXDPEX:GR
X MSCI WORLD HEALTH CARE (XDWH GR ETF)	DEU-XETRA	IE00BM67HK77	XDWH:GR

### Industrials

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARE DJ INDUSTRIAL AVRG DE (INDUEX GR ET)	DEU-XETRA	DE0006289390	INDUEX:GR
ISHARES GLBL INFRASTRUCTURE (INFR LN ETF)	GBR-LSE	IE00B1FZS467	INFR:LN
ISHARES ST 600 IND G&S DE (SXNPEX GR ET)	DEU-XETRA	DE000A0H08J9	SXNPEX:GR

### Materials

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
COMSTAGE ETF GOLD BUGS (CD91 GR ETF)	DEU-XETRA	LU0488317701	CD91:GR
ISH EUR600 BASICRESOURCE DE (SXPPEX GR ET)	DEU-XETRA	DE000A0F5UK5	SXPPEX:GR
ISHARES GLB TIMBER&FORESTRY (IUSB GR ETF)	DEU-XETRA	IE00B27YCF74	IUSB:GR
ISHARES STOXX EUR600 CHEM DE (SX4PEX GR ET)	DEU-XETRA	DE000A0H08E0	SX4PEX:GR
ISHR EUR600 CNSTRN&MTRLS DE (SXOPEX GR ET)	DEU-XETRA	DE000A0H08F7	SXOPEX:GR

### Real Estate

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARES ASIA PROPERTY YIELD UCITS (IQQ4 GR ETF)	DEU-XETRA	IE00B1FZS244	IQQ4:GR
ISHARES DVL MKT PROPERTY YLD (IWDP LN ETF)	GBR-LSE	IE00B1FZS350	IWDP:LN
ISHARES EUROPE PRPRTY YIELD (IQQP GR ETF)	DEU-XETRA	IE00B0M63284	IQQP:GR
ISHARES EUROPE PRPRTY YIELD (IQQP GR ETF)	GBR-LSE	IE00B0M63284	IQQP:GR
ISHARES UK PROPERTY (IUKP LN ETF)	GBR-LSE	IE00B1TXLS18	IUKP:LN
ISHARES US PROPERTY YIELD (IUSP LN ETF)	GBR-LSE	IE00B1FZSF77	IUSP:LN
X FTSE EUROPE REAL ESTATE (D5BK GR ETF)	DEU-XETRA	LU0489337690	D5BK:GR

### Technology

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARES AUTOMATION&ROBOTIC-A (2B76 GR ETF)	DEU-XETRA	IE00BYZK4552	2B76:GR
ISHARES TECDAX UCITS ETF DE (TDXPEX GR ETF)	DEU-XETRA	DE0005933972	TDXPEX:GR
ISHR STOXX EUR 600 TECH DE (SX8PEX GR ET)	DEU-XETRA	DE000A0H08Q4	SX8PEX:GR
LYXOR MSCI WORLD IT (LYPG GR ETF)	DEU-XETRA	LU0533033667	LYPG:GR
X MSCI WORLD INFO TECH (XDWT GR ETF)	DEU-XETRA	IE00BM67HT60	XDWT:GR
X MSCI WORLD TELECOM SERVICIS (XWTS GR ETF)	DEU-XETRA	IE00BM67HR47	XWTS:GR
X STXX EUROPE TECHNOLOGY SWAP (XS8R GR ETF)	DEU-XETRA	LU0292104469	XS8R:GR

### Thematic

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
X LPX PRIVATE EQUITY SWAP (XLPE GR ETF)	DEU-XETRA	LU0322250712	XLPE:GR
X S&P GLOBAL INFRA SWAP (XSGI GR ETF)	DEU-XETRA	LU0322253229	XSGI:GR

### Utilities

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARES EUR 600 UTILITIES DE (SX6PEX GR ET)	DEU-XETRA	DE000A0Q4R02	SX6PEX:GR
ISHARES GLOBAL WATER (IQQQ GR ETF)	DEU-XETRA	IE00B1TXK627	IQQQ:GR

## Fixed Income

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
COMSTAGE COMMERZBANK BUND-FU (5X62 GR ETF)	DEU-XETRA	LU0530119774	5X62:GR
EB.REXX GOVERNMENT GERMANYEX (RXRGEX GR ET)	DEU-XETRA	DE0006289465	RXRGEX:GR
EB.REXX GOVT GERMANY 1.5-2.5 (RXP1EX GR ETF)	DEU-XETRA	DE0006289473	RXP1EX:GR
EB.REXX GOVT GERMANY 2.5-5.5 (RXP2EX GR ETF)	DEU-XETRA	DE0006289481	RXP2EX:GR
ISHAR GVT GMNY 5.5-10.5YR DE (RXP5EX GR ETF)	DEU-XETRA	DE0006289499	RXP5EX:GR
ISHARES CORE EURO CORP BOND (EUN5 GR ETF)	DEU-XETRA	IE00B3F81R35	EUN5:GR
ISHARES CORE GBP CORP (SLXX LN ETF)	GBR-LSE	IE00B00FV011	SLXX:LN
ISHARES CORE UK GILTS (IGLT LN ETF)	GBR-LSE	IE00B1FZS830	IGLT:LN
ISHARES EUR GOVT 1-3YR (IBGS LN ETF)	GBR-LSE	IE00B14X4Q57	IBGS:LN
ISHARES EURO CORP 1-5YR (EUNT GR ETF)	GBR-LSE	IE00B4L60045	EUNT:GR
ISHARES EURO CORP EX-FINCL (EUNR GR ET)	GBR-LSE	IE00B4L5ZG21	EUNR:GR
ISHARES EURO GOVT 3-5Y (IBGX LN ETF)	GBR-LSE	IE00B1FZS681	IBGX:LN

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARES EURO GOVT 7-10YR (IBGM LN ETF)	GBR-LSE	IE00B1FZS806	IBGM:LN
ISHARES EURO HY CORP (EUNW GR ETF)	DEU-XETRA	IE00B66F4759	EUNW:GR
ISHARES EURO INFL-LKD GOVT (IBCI LN ETF)	GBR-LSE	IE00B0M62X26	IBCI:LN
ISHARES GBP CORP BOND 0-5YR (IS15 LN ETF)	GBR-LSE	IE00B5L65R35	IS15:LN
ISHARES GBP INDEX-LNK GILTS (INXG LN ETF)	GBR-LSE	IE00B1FZSD53	INXG:LN
ISHARES GLBL INFL LNKD GOVT (IUS5 GR ETF)	GBR-LSE	IE00B3B8PX14	IUS5:GR
ISHARES GLOBAL GOV BND-DISTR (EUN3 GR ETF)	GBR-LSE	IE00B3F81K65	EUN3:GR
ISHARES UK GILTS 0-5YR (IGLS LN ETF)	GBR-LSE	IE00B4WXJK79	IGLS:LN
ISHARES USD TIPS (ITPS LN ETF)	GBR-LSE	IE00B1FZSC47	ITPS:LN
ISHARES USD TREASURY 7-10Y (IBTM LN ETF)	GBR-LSE	IE00B1FZS798	IBTM:LN
ISHARES USD TRSRY 1-3Y USD D (IBTS LN ETF)	GBR-LSE	IE00B14X4S71	IBTS:LN
LYXOR DX2 SHORT 10Y USTSR (DSUG LN ETF)	GBR-LSE	FR0011607084	DSUG:LN
PIMCO EURO SHRT SOURCE INC (PJS1 GR ETF)	DEU-XETRA	IE00B5ZR2157	PJS1:GR
X EUR CORPORATE BOND (XBLC GR ETF)	DEU-XETRA	LU0478205379	XBLC:GR
X EUROZONE GOV YLD+ 1-3 1C (XYP1 GR ETF)	DEU-XETRA	LU0925589839	XYP1:GR
X EUROZONE GOVERNMENT 1C (XGLE GR ETF)	DEU-XETRA	LU0290355717	XGLE:GR
X EURZN INFLATION LINKED (XEIN GR ETF)	DEU-XETRA	LU0290358224	XEIN:GR
X GLBAL INFLTION LNKD 1C EUR (XGIN GR ETF)	DEU-XETRA	LU0290357929	XGIN:GR
X GLOBAL GOV BOND 1C EUR (DBZB GR ETF)	DEU-XETRA	LU0378818131	DBZB:GR
X GOV EURZ YIELD+ SWAP 1C (XY4P GR ETF)	DEU-XETRA	LU0524480265	XY4P:GR
X USD EM BOND EUR (XEMB GR ETF)	DEU-XETRA	LU0321462953	XEMB:GR

## Geography (Equity)

### Asia

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARE ASIA PAC SELDIV 30 DE (APSDX GR ET)	DEU-XETRA	DE000A0H0744	APSDX:GR
ISHARES ASIA PROPERTY YIELD UCITS (IQQ4 GR ETF)	DEU-XETRA	IE00B1FZS244	IQQ4:GR
ISHARES CHINA LARGE CAP (FXC LN ETF)	GBR-LSE	IE00B02KXK85	FXC:LN
ISHARES CORE MSCI JAPAN (SJPA LN ETF)	GBR-LSE	IE00B4L5YX21	SJPA:LN
ISHARES EDGE MSCI EM MINIMUM VOLATILITY UCITS USD (EUNZ GR ETF)	DEU-XETRA	IE00B8KGV557	EUNZ:GR
ISHARES MSCI EM ASIA UCITS (CEA1:LN ETF)	GBR-LSE	IE00B5L8K969	CEA1:LN
ISHARES MSCI JAPAN (IJPN LN ETF)	GBR-LSE	IE00B02KXH56	IJPN:LN
ISHARES MSCI KOREA (IKOR LN ETF)	GBR-LSE	IE00B0M63391	IKOR:LN
ISHR MSCI AC FAR EAST X-JP (IFFF LN ETF)	GBR-LSE	IE00B0M63730	IFFF:LN
X MSCI AC ASIA EX JAPAN SWAP (XAXJ GR ETF)	DEU-XETRA	LU0322252171	XAXJ:GR
X MSCI EM ASIA SWAP (XMAS GR ETF)	DEU-XETRA	LU0292107991	XMAS:GR
X MSCI JAPAN (XMJP GR ETF)	DEU-XETRA	LU0274209740	XMJP:GR
X MSCI JAPAN EUR (XMK9 GR ETF)	DEU-XETRA	LU0659580079	XMK9:GR
X NIKKEI 225 (XDJP GR ETF)	DEU-XETRA	LU0839027447	XDJP:GR

### Australia

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARES MSCI AUSTRALIA (SAUS LN ETF)	GBR-LSE	IE00B5377D42	SAUS:LN

### Europe

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
BNPPEASY STOXX600 UCITSETF-C (ETSZ GR ETF)	DEU-XETRA	FR0011550193	ETSZ:GR
COMSTAGE COMMERZBANK BUND-FU (5X62 GR ETF)	DEU-XETRA	LU0530119774	5X62:GR
COMSTAGE ETF DAX TR-I (CBDAX GR ETF)	DEU-XETRA	LU0378438732	CBDAX:GR
DEKA DAX AUSSCHUETTEND UCIT (ETFDAXK GR E)	DEU-XETRA	DE000ETFLO60	ETFDAXK:GR
DEKA DAX UCITS ETF (ETFDAX GR ET)	DEU-XETRA	DE000ETFLO11	ETFDAX:GR
DOW JONES EURO STOXX SEL DIV (SD3EEX GR ET)	DEU-XETRA	DE0002635281	SD3EEX:GR
EB.REXX GOVERNMENT GERMANYEX (RXRGEX GR ET)	DEU-XETRA	DE0006289465	RXRGEX:GR
EB.REXX GOVT GERMANY 1.5-2.5 (RXP1EX GR ETF)	DEU-XETRA	DE0006289473	RXP1EX:GR
EB.REXX GOVT GERMANY 2.5-5.5 (RXP2EX GR ETF)	DEU-XETRA	DE0006289481	RXP2EX:GR
ETFS 3X DAILY SHORT DAX 30 (GY3S GR ETF)	DEU-XETRA	DE000A1YKTK4	GY3S:GR
ISHAR GVT GMNY 5.5-10.5YR DE (RXP5EX GR ETF)	DEU-XETRA	DE0006289499	RXP5EX:GR
ISHARES CORE DAX UCITS ETF D (DAXEX GR ETF)	DEU-XETRA	DE0005933931	DAXEX:GR
ISHARES CORE EURO CORP BOND (EUN5 GR ETF)	DEU-XETRA	IE00B3F81R35	EUN5:GR
ISHARES CORE FTSE 100 (ISF LN ETF)	GBR-LSE	IE0005042456	ISF:LN
ISHARES CORE GBP CORP (SLXX LN ETF)	GBR-LSE	IE00B00FV011	SLXX:LN
ISHARES CORE UK GILTS (IGLT LN ETF)	GBR-LSE	IE00B1FZSB30	IGLT:LN
ISHARES DIVDAX UCITS ETF DE (DDAXKEX GR E)	DEU-XETRA	DE0002635273	DDAXKEX:GR
ISHARES DJ EURO STOXX 50 DE (SX5EEX GR ET)	DEU-XETRA	DE0005933956	SX5EEX:GR
ISHARES EDGE MSCI EUROPE MINIMUM VOLATILITY UCITS EUR (EUNO GR ETF)	DEU-XETRA	IE00B86MWN23	EUNO:GR
ISHARES EUR GOVT 1-3YR (IBGS LN ETF)	GBR-LSE	IE00B14X4Q57	IBGS:LN
ISHARES EURO CORP 1-5YR (EUNT GR ETF)	GBR-LSE	IE00B4L60045	EUNT:GR
ISHARES EURO CORP EX-FINCL (EUNR GR ET)	GBR-LSE	IE00B4L5ZG21	EUNR:GR
ISHARES EURO DIVIDEND (IDVY LN ETF)	GBR-LSE	IE00B0M62S72	IDVY:LN

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARES EURO GOVT 3-5Y (IBGX LN ETF)	GBR-LSE	IE00B1FZS681	IBGX:LN
ISHARES EURO GOVT 7-10YR (IBGM LN ETF)	GBR-LSE	IE00B1FZS806	IBGM:LN
ISHARES EURO INFL-LKD GOVT (IBCI LN ETF)	GBR-LSE	IE00B0M62X26	IBCI:LN
ISHARES EURO STOXX 50 (EUN2 GR ETF)	DEU-XETRA	IE0008471009	EUN2:GR
ISHARES FTSE 250 (MIDD LN ETF)	GBR-LSE	IE00B00FV128	MIDD:LN
ISHARES GBP INDEX-LNK GILTS (INXG LN ETF)	GBR-LSE	IE00B1FZSD53	INXG:LN
ISHARES MSCI EMU SML-C ACC (SXRJ GR ETF)	DEU-XETRA	IE00B3VWMM18	SXRJ:GR
ISHARES MSCI EUROPE (IMEU LN ETF)	GBR-LSE	IE00B1YZSC51	IMEU:LN
ISHARES MSCI EUROPE ACC (SMEA LN ETF)	GBR-LSE	IE00B4K48X80	SMEA:LN
ISHARES MSCI EUROPE EX-UK (IEUX LN ETF)	GBR-LSE	IE00B14X4N27	IEUX:LN
ISHARES STOXX EUROPE 50 (EUN LN ETF)	GBR-LSE	IE0008470928	EUN:LN
ISHARES STOXX EUROPE 600 DE (SXXPIEX GR E)	DEU-XETRA	DE0002635307	SXXPIEX:GR
ISHARES UK DIVIDEND (IQDD GR ETF)	GBR-LSE	IE00B0M63060	IQDD:GR
ISHARES UK GILTS 0-5YR (IGLS LN ETF)	GBR-LSE	IE00B4WXJK79	IGLS:LN
ISHARES US AGGREGATE BOND UCITS (EUNX GR ETF)	DEU-XETRA	IE00B44CGS96	EUNX:GR
ISHR EUROSTOXX UCITS ETF DE (SXXEEX GR ET)	DEU-XETRA	DE000A0D8Q07	SXXEEX:GR
MDAXEX (MDAXEX GR ET)	DEU-XETRA	DE0005933923	MDAXEX:GR
PIMCO EURO SHRT SOURCE INC (PJS1 GR ETF)	DEU-XETRA	IE00B5ZR2157	PJS1:GR
SOURCE MSCI EUROPE UCITS ETF (SMSEUR GR ET)	DEU-XETRA	IE00B60SWY32	SMSEUR:GR
SPDR EUR DIV ARISTOCRATS (SPYW GR ETF)	DEU-XETRA	IE00B5M1WJ87	SPYW:GR
VANGUARD FTSE 100 UCITS ETF (VUKE LN ETF)	GBR-LSE	IE00B810Q511	VUKE:LN
VANGUARD FTSE 250 UCITS ETF (VMID LN ETF)	GBR-LSE	IE00BKK55Q28	VMID:LN
VANGUARD FTSE DEVELOP EUROPE (VEUR LN ETF)	GBR-LSE	IE00B945VV12	VEUR:LN
X CAC 40 (XCAC GR ETF)	DEU-XETRA	LU0322250985	XCAC:GR
X DAX (XDAX GR ETF)	DEU-XETRA	LU0274211480	XDAX:GR
X DAX INCOME (XDDX GR ETF)	DEU-XETRA	LU0838782315	XDDX:GR
X EUR CORPORATE BOND (XBLC GR ETF)	DEU-XETRA	LU0478205379	XBLC:GR
X EURO STOXX 50 1C (XESC GR ETF)	DEU-XETRA	LU0380865021	XESC:GR
X EURO STOXX 50 1D (XESX GR ETF)	DEU-XETRA	LU0274211217	XESX:GR
X EUROZONE GOV YLD+ 1-3 1C (XYP1 GR ETF)	DEU-XETRA	LU0925589839	XYP1:GR
X EUROZONE GOVERNMENT 1C (XGLE GR ETF)	DEU-XETRA	LU0290355717	XGLE:GR
X EURZN INFLATION LINKED (XEIN GR ETF)	DEU-XETRA	LU0290358224	XEIN:GR
X GOV EURZ YIELD+ SWAP 1C (XY4P GR ETF)	DEU-XETRA	LU0524480265	XY4P:GR
X MSCI EMU (XD5E GR ETF)	DEU-XETRA	LU0846194776	XD5E:GR
X MSCI EUROPE 1C (XMEU GR ETF)	DEU-XETRA	LU0274209237	XMEU:GR
X MSCI EUROPE SMALL CAP (XXSC GR ETF)	DEU-XETRA	LU0322253906	XXSC:GR
X MSCI NORDIC (XDN0 GR ETF)	DEU-XETRA	IE00B9MRHC27	XDN0:GR
X MSCI RUSSIA CAPPED SWAP 1C (XMRC GR ETF)	DEU-XETRA	LU0322252502	XMRC:GR
X SHORTDAX DAILY SWAP (XSDX GR ETF)	DEU-XETRA	LU0292106241	XSDX:GR
X SPAIN 1C (XESP GR ETF)	DEU-XETRA	LU0592216393	XESP:GR
X STOXX EUROPE 600 (XSX6 GR ETF)	DEU-XETRA	LU0328475792	XSX6:GR
X SWITZERLAND 1D (XSMI GR ETF)	DEU-XETRA	LU0274221281	XSMI:GR

### International

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
AMUNDI MSCI EMERG MARK (AMEM GR ETF)	DEU-XETRA	LU1681045370	AMEM:GR
COMSTAGE ETF COM X-AGRI TR-I (CBCOMM GR ET)	DEU-XETRA	LU0419741177	CBCOMM:GR
COMSTAGE ETF MSCI WORLD-I (CBNDUWI GR)	DEU-XETRA	LU0392494562	CBNDUWI:GR
DB X-TRACKERS S&P FRONTIER (XSFR GR ETF)	DEU-XETRA	LU0328476410	XSFR:GR
ETFS BRENT CRUDE (OEOA GR ETF)	DEU-XETRA	DE000A1N49P6	OEOA:GR
ETFS COFFEE (OD7B GR ETF)	DEU-XETRA	DE000A0KRJT2	OD7B:GR
ETFS DAILY LEVERAGED GOLD (4RT8 GR ETF)	DEU-XETRA	DE000A0V9Y27	4RT8:GR
ETFS DAILY LVRG COCOA (4RUP GR ETF)	DEU-XETRA	DE000A0V9ZE9	4RUP:GR
ETFS DAILY LVRG SILVER (4RUE GR ETF)	DEU-XETRA	DE000A0V9Y57	4RUE:GR
ETFS DLY SHRT WTI CRUDE OIL (9GA7 GR ETF)	DEU-XETRA	DE000A0V9XY2	9GA7:GR
ETFS DY LEVERAGED CRUDE OIL (4RT6 GR ETF)	DEU-XETRA	DE000A2BDEB6	4RT6:GR
ETFS SUGAR (OD7R GR ETF)	DEU-XETRA	DE000A0KRJ85	OD7R:GR
ETFS WHEAT (OD7S GR ETF)	DEU-XETRA	DE000A0KRJ93	OD7S:GR
ISH DIV COMDTY SWAP DE (DJCOMEX GR E)	DEU-XETRA	DE000A0H0728	DJCOMEX:GR
ISHARES CORE EM IMI ACC (EMIM LN ETF)	GBR-LSE	IE00BKM4GZ66	EMIM:LN
ISHARES CORE MSCI WORLD (SWDA LN ETF)	GBR-LSE	IE00B4L5Y983	SWDA:LN
ISHARES EURO HY CORP (EUNW GR ETF)	DEU-XETRA	IE00B66F4759	EUNW:GR
ISHARES GBP CORP BOND 0-5YR (IS15 LN ETF)	GBR-LSE	IE00B5L65R35	IS15:LN
ISHARES GLBL INFL LNKD GOVT (IUS5 GR ETF)	GBR-LSE	IE00B3B8PX14	IUS5:GR
ISHARES GLOBAL GOV BND-DISTR (EUN3 GR ETF)	GBR-LSE	IE00B3F81K65	EUN3:GR
ISHARES MSCI EM (IEEM LN ETF)	GBR-LSE	IE00B0M63177	IEEM:LN
ISHARES MSCI EM UCITS (EUNM GR ETF)	DEU-XETRA	IE00B4L5YC18	EUNM:GR
ISHARES MSCI EM SMALL CAP (EUNI GR ETF)	DEU-XETRA	IE00B3F81G20	EUNI:GR
ISHARES MSCI WORLD (IWRD LN ETF)	GBR-LSE	IE00B0M62Q58	IWRD:LN
ISHR EDGE MSCI WRLD MOMENTUM (IS3R GR ETF)	DEU-XETRA	IE00BP3QZ825	IS3R:GR
ISHR STOXX GBL SELDIV100 DE (SDGPEX GR ET)	DEU-XETRA	DE000A0F5UH1	SDGPEX:GR
SOURCE MSCI WORLD UCITS ETF (SMSWLD GR ET)	DEU-XETRA	IE00B60SX394	SMSWLD:GR
VANGUARD GLOBAL VALUE FACTOR UCITS (VVAL LN ETF)	GBR-LSE	IE00BYR0B57	VVAL:LN
X DBLCI COMMODTY OY SWAP EUR (XDBC GR ETF)	DEU-XETRA	LU0292106167	XDBC:GR

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
X GLBAL INFLTION LNKD 1C EUR (XGIN GR ETF)	DEU-XETRA	LU0290357929	XGIN:GR
X GLOBAL GOV BOND 1C EUR (DBZB GR ETF)	DEU-XETRA	LU0378818131	DBZB:GR
X GLOBAL SELECT DIV 100 SWAP (XGSD GR ETF)	DEU-XETRA	LU0292096186	XGSD:GR
X MSCI CHINA 1C (XCS6 GR ETF)	DEU-XETRA	LU0514695690	XCS6:GR
X MSCI EMERGING MARKETS (XMME GR ETF)	DEU-XETRA	IE00BTJRM35	XMME:GR
X MSCI EMERGING MARKETS SWAP (XMEM GR ETF)	DEU-XETRA	LU0292107645	XMEM:GR
X USD EM BOND EUR (XEMB GR ETF)	DEU-XETRA	LU0321462953	XEMB:GR
X WORLD SWAP 1C (XMWO GR ETF)	DEU-XETRA	LU0274208692	XMWO:GR
XTRACKER GOLD ETC EUR HDG (XAD1 GR ETF)	DEU-XETRA	DE000A1EK0G3	XAD1:GR

### North America

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARES CORE DIVIDEND GROWTH (LIBBEY INC)	USA-NYSE	US46434V6213	LBY:US
ISHARES CORE S&P 500 (CSP1 LN ETF)	GBR-LSE	IE00B5BMR087	CSP1:LN
ISHARES DJ US SEL DIV DE (DJDVPEX GR)	DEU-XETRA	DE000A0D8Q49	DJDVPEX:GR
ISHARES EDGE MSCI USA MOMENTUM FACTOR UCITS (QDVA GR ETF)	DEU-XETRA	IE00BD1F4N50	QDVA:GR
ISHARES S&P 500 (IUSA LN ETF)	GBR-LSE	IE0031442068	IUSA:LN
ISHARES USD TIPS (ITPS LN ETF)	GBR-LSE	IE00B1FZSC47	ITPS:LN
ISHARES USD TREASURY 7-10Y (IBTM LN ETF)	GBR-LSE	IE00B1FZS798	IBTM:LN
ISHARES USD TRSRY 1-3Y USD D (IBTS LN ETF)	GBR-LSE	IE00B14X4S71	IBTS:LN
ISHR NASDAQ100 UCITS ETF DE (NDXEX GR ETF)	DEU-XETRA	DE000A0F5UF5	NDXEX:GR
LYXOR DX2 SHORT 10Y USTSR (DSUG LN ETF)	GBR-LSE	FR0011607084	DSUG:LN
LYXOR S&P500 VIX FTURES ER (VOOL GR ETF)	DEU-XETRA	LU0832435464	VOOL:GR
SOURCE S&P 500 UCITS ETF (P500 GR ETF)	DEU-XETRA	DE000A1JM6F5	P500:GR
VANGUARD S&P 500 UCITS ETF (VUSA LN ETF)	GBR-LSE	IE00B3XXRP09	VUSA:LN
X MSCI USA SWAP (XMUS GR ETF)	DEU-XETRA	LU0274210672	XMUS:GR
X MSCI USA UCITS ETF (XD9U GR ETF)	DEU-XETRA	IE00BJ0KDR00	XD9U:GR
X RUSSELL MIDCAP (XRSM GR ETF)	DEU-XETRA	IE00BJZ2DC62	XRSM:GR
X S&P500 INVERSE DAILY SWAP (DXS3 GR ETF)	DEU-XETRA	LU0322251520	DXS3:GR
X S&P500 SWAP (D5BM GR ETF)	DEU-XETRA	LU0490618542	D5BM:GR

### South America

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
ISHARES MSCI BRAZIL ACC (CEBE GR ETF)	DEU-XETRA	IE00B59L7C92	CEBE:GR
ISHARES MSCI EM LATAM (IUSC GR ETF)	DEU-XETRA	IE00B27YCK28	IUSC:GR
X MSCI BRAZIL 1C (XMBR GR ETF)	DEU-XETRA	LU0292109344	XMBR:GR
X MSCI EM LATAM SWAP (XMLA GR ETF)	DEU-XETRA	LU0292108619	XMLA:GR
X MSCI MEXICO (D5BI GR ETF)	DEU-XETRA	LU0476289466	D5BI:GR

### Volatility

Nazwa instrumentu (Nazwa w serwisie)	Rynek	Kod ISIN	Ticker
LYXOR S&P500 VIX FTURES ER (VOOL GR ETF)	DEU-XETRA	LU0832435464	VOOL:GR