

Search history

Search 1: FT=((mix* AND dispens*) W5 assembl*) and PD<20170217 and IC=(B25C5* OR C04B12* OR F16L41*) (Results 4)

Search 2: FT=((mix* AND dispens*) W5 assembl*) and PD<20170217 and IC=(B25C5* OR C04B12* OR F16L41*) (Results 4)

Search 3: FT=((mix* AND dispens*) near (assembl* OR device OR system)) and PD<20170217 and IC=(B25C5* OR C04B12* OR F16L41*) (Results 7)

Title: Sealing a spigot member in the neck of a container

Abstract: Source: GB2181492A For securing and sealing a spigot member (1) in the neck of a container the neck of the container has a tubular extension (2) of which the opening is reduced by an intumed flange (3) and which embraces a connecting ring (4) into which the spigot member (1) is inserted with a compressible seal (5) arranged in the neighbourhood of the flange (3), and by the insertion of the spigot member (1) into the ring (4) a shoulder (6) provided on the inserted end of the spigot member (1) is guided to engage against the outside of the flange (3) and simultaneously the ring (4) is held against a stop face on the inside of the flange (3), compressing the seal (5). Other arrangements of seal and connecting ring are disclosed.

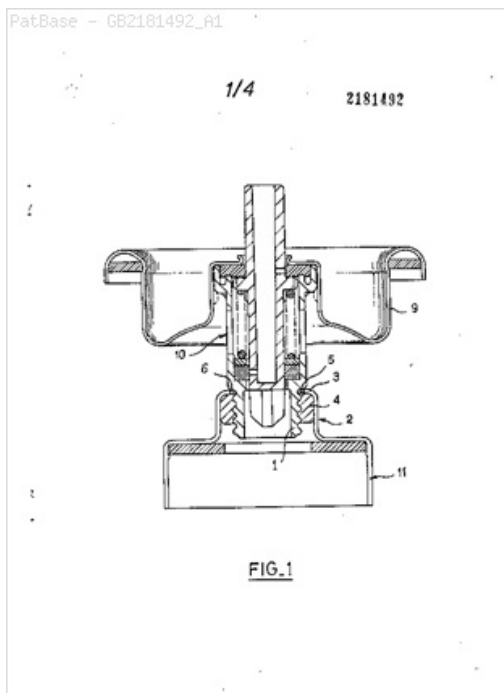
Classifications:

International (IPC 8-9): B65D83/14 F16L37/00
F16L41/14 (Advanced/Invention)

International (IPC 1-7): B65D27/00 B65D83/14 F16L41/00

CPC: B65D83/38 F16L37/008 F16L41/14

European: B65D83/38 F16L37/00K F16L41/14



Family:

Publication number	Publication date	Application number	Application date
DE3535908 A1	19870409	DE19853535908	19851008
GB2181492 A1	19870423	GB19860024137	19861008

Priority:

DE19853535908 19851008

Probable Assignee: AEROSOL INVENTIONS DEV

Assignee(s): (std): AEROSOL INVENTIONS DEV

Assignee(s): AEROSOL INVENTIONS AND DEVELOPMENT S A A I D S A ; AEROSOL INVENTIONS AND DEVELOPMENT S A A I D S A

Inventor(s): (std): VOGEL GUENTHER M ; VOGEL GUNTHER MELCHIOR

Inventor(s): M VOGEL GUENTHER ; GUNTHER MELCHIOR VOGEL

Title: THERMO PLASTIC CARBONATED WATER MANIFOLD AND METHOD OF MAKING SAME

Abstract: Source: US4913183A A rigid thermoplastic manifold for the distribution of pressurized carbonated water has an elongate tubular thermoplastic body with a plurality of apertures spaced along its length, a plurality of identical thermoplastic outlet fittings which each have an inlet spud with a sonic energy director and a pair of arcuate sonic energy directors spaced one on each side from the spud, each outlet fitting being fastened and sealed to the tube with three discrete sonic welds. A method of making the manifold is also provided.

Classifications:

International (ipc 8-9): B29C65/08 F16L41/03 F16L47/02 F16L47/26 (Advanced/Invention);

B29C65/08 F16L41/02 F16L47/00 F16L47/02 (Core/Invention)

International (ipc 1-7): B67D5/56 F16L55/18

CPC: B29C66/52241 B29C66/5225 B67D2210/0006 B29C66/52231

B29C65/08 B29L2031/246 F16L41/03 F16L47/02 F16L47/26

B29C66/5229 B29C66/52296 Y10T137/85938 Y10T137/0441

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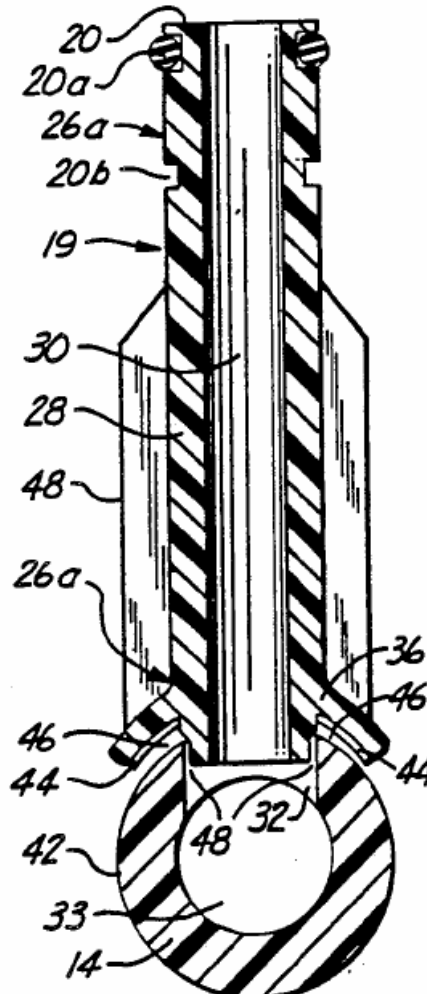
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US: 137/15 137/15.08 137/561.00A 137/561A 222/129.1 285/197

285/21 285/21.1

PatBase - US4913183_A



Family:

Publication number	Publication date	Application number	Application date
US4913183 A	19900403	US19880180515	19880412
US5125431 A	19920630	US19910716419	19910617

Priority:

US19880180515 19880412 US19890448791 19891211

Probable Assignee: IMI CORNELIUS INC

Assignee(s): (std): IMI CORNELIUS INC ; SCHNEIDER METAL MFG

Assignee(s): SCHNEIDER METAL MFG CO ; SCHNEIDER METAL MANUFACTURING CO

Inventor(s): (std): VOGEL JAMES D ; SCHNEIDER KENNETH W

Title: SELF-SEALING BAG VALVE

Abstract: Source: US5477883A A self-sealing bag valve for use with a quick-disconnect coupling in a bag-in-box (BIB) syrup dispensing assembly for a post-mix beverage dispenser includes a plastic spring assembly for normally biasing a poppet of a self-sealing valve into sealing engagement with a valve seat thereof. The spring assembly includes a petaloid-shaped disc having evenly spaced petaloid segments defining flow passages therebetween, a retaining ring for securing peripheral portions of the petaloid-shaped disc in fixed positions in the bore of the self-sealing valve and a petaloid stem protruding from the disc into engagement with the valve poppet. The petaloid-shaped disc includes a first frusto-conical portion extending from the retaining ring to a circular termination line concentric with the ring and a second frusto-conical portion extending from the circular termination line to the petaloid stem. The first and second frusto-conical portions, when in an installed, normal biasing position (the closed position of the self-sealing valve), have opposite slopes with respect to an axis orthogonal to the petaloid disc providing a bend about the circular termination lines forming knees in each petaloid segment for accommodating flexing of the elements about the knees. A groove is provided in the central bore of the valve housing for accommodating a snap-fit of the retaining ring therein.

Classifications:

International (IPC 8-9): B65D77/06 B67D1/07

F16L41/16 (Advanced/Invention);

B65D77/06 B67D1/00 F16L41/08 (Core/Invention)

International (IPC 1-7): B67D1/07 B67D1/08 F16L37/28

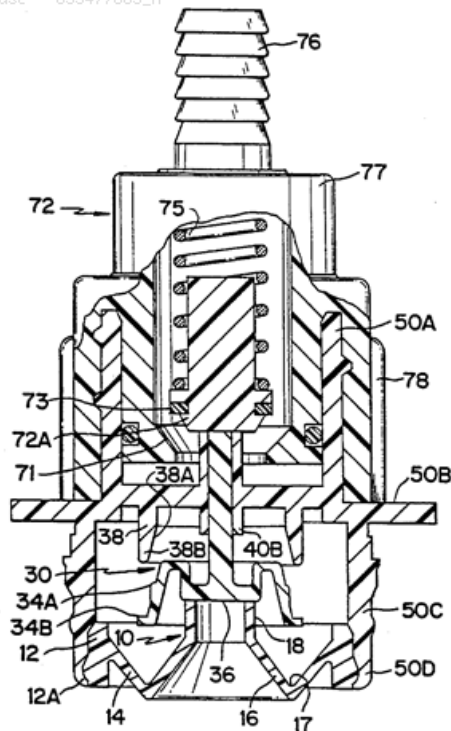
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F16L41/16

European: B65D77/06B2A B67D3/04D F16L41/16

US: 137/614.03 251/149.6 251/902

PatBase - US5477883_A



Family:

Publication number	Publication date	Application number	Application date
AT236076 E	20030415	AT19950939871T	19951113
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DE69530220 D1	20030508	DE19956030220	19951113
DE69530220 T2	20040212	DE19956030220T	19951113
EP0790957 A1	19970827	EP19950939871	19951113
EP0790957 B1	20030402	EP19950939871	19951113
JP10508816 T2	19980902	JP19960516208T	19951113
JP3782448 B2	20060607	JP19960516208T	19951113
US5477883 A	19951226	US19940339722	19941114
WO9615063 A1	19960523	WO1995US14615	19951113

Priority:

US19940339722 19941114 WO1995US14615 19951113

Probable Assignee: COCA COLA CO

Assignee(s): (std): COCA COLA CO

Assignee(s): COCA COLA COMPANY THE ; HOFFER PLASTICS CORP ; THE COCA COLA CO ; THE COCA COLA COMPANY ; THE COCA COLA CO ATLANTA

Inventor(s): (std): TOTTEN J ; TOTTEN KEVIN J

Inventor(s): KEVIN J TOTTEN

Agent(s): PHILLIPS ORMONDE FITZPATRICK

Designated states: AT AU BE BR CH DE DK ES FR GB GR IE IT JP LI LU MC NL PT SE

Title: Method and apparatus for mixing, spraying and placing cementitious materials

Abstract: Source: US5494708A There is provided an improved composition for rapid setting, sprayable cementitious material, as well as improved processes and **systems** for **mixing** and placing such materials. The composition comprises a sprayable mixture of cement forming ingredients, such as silicon dioxide, magnesium oxide, and an aqueous metal phosphate solution. The process for mixing and placing such a composition uses serially connected dry material feed receptacles which are independently pressurizable and are isolatable from ambient conditions after loading to provide substantially increased throughput volume. The receptacles communicate the composition to a fluidizing element in which the material is fluidized before being formed into a slurry and atomized. Alternatively, dry and slurried material can be conveyed in a cavity pump under high pressure to achieve substantially increased throughput volume.

Classifications:

International (IPC 8-9): B28C5/12 B28C7/00 C04B12/00 C04B12/02 C04B12/04 C04B14/30 C04B14/32 C04B14/42 C04B22/06 C04B28/24 C04B28/34 (Advanced/Invention)

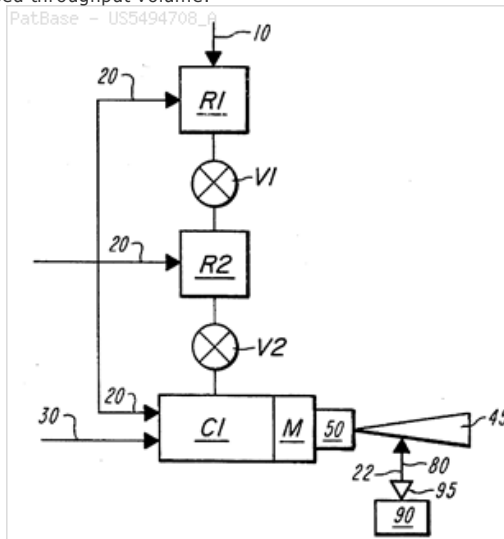
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CPC: B28C5/1261 C04B28/34 C04B2111/00146

European: B28C5/12F3B C04B28/34 M04B111/00M16

US: 106/711 106/737 239/307 239/311 239/336 239/432 239/576

427/421 427/426 427/427



Family:

Publication number	Publication date	Application number	Application date
AT186901 E	19991215	AT19950922326T	19950613
CA2191854 AA	19961202	CA19952191854	19950613
DE69513525 D1	19991230	DE19956013525	19950613
DE69513525 T2	20000810	DE19956013525T	19950613
EP0770044 A1	19970502	EP19950922326	19950613
EP0770044 A4	19970820	EP19950922326	19950613
EP0770044 B1	19991124	EP19950922326	19950613
JP10504271 T2	19980428	JP19960502452T	19950613
US5494708 A	19960227	US19940261927	19940617
US5597120 A	19970128	US19950564990	19951130
WO9535266 A1	19951228	WO1995US07563	19950613

Priority:

US19940261927 19940617 US19950564990 19951130 WO1995US07563 19950613
 WO1995US07563 19950613 WO1995US07563 19950613

Probable Assignee: BLUE OAKS MATERIALS LIMITED PA

Assignee(s): (std): BLUE OAK MATERIALS LIMITED PAR ; BLUE OAK MATERIALS LTD PARTNER ; BLUE OAK MATERIALS PAR LTD ; BLUE OAKS MATERIALS PA LTD ; BLUE OAKS MATERIALS LIMITED PA

Assignee(s): CHESS HENRY LEE JR ; BLUE OAKS MATERIALS LIMITED PARTNERSHIP ; BLUE OAK MATERIALS PARTNERSHIP LTD ; BLUE OAK MATERIALS LTD PARTNERSHIP WALTHAM ; BLUE OAK MATERIALS LIMITED PARTNERSHIP ; BLUE OAK MATERIALS LTD

Inventor(s): (std): CHESS HENRY ; CHESS HENRY LEE JR ; CHESS JR HENRY L

Agent(s): RICHES MCKENZIE AND HERBERT LLP

Designated states: AT BE BR CA CH DE DK ES FR GB GR IE IT JP KR LI LU MC MX NL PT SE SG

Title: Dispenser wall bracket

Abstract: Source: US6499711B A **dispensing assembly** wall bracket for mounting an operable **dispensing assembly** to an essentially vertical surface. The bracket includes a base fixable to the vertical surface, and defining a plane which is substantially parallel to the vertical surface when the base is fixed thereto. A fitting is fixed to the base, and has an inlet and an outlet. The inlet defines an axis substantially parallel to the plane, and the outlet defines an axis which intersects the inlet axis. At least one support arm extends from the base, and has a proximal end fixed to the base and a distal end. A receptacle is supported by the support arm distal end, and aligned with the outlet axis, wherein a **dispensing assembly** having an inlet received in the receptacle is positioned for connecting the **dispensing assembly** inlet to the fitting outlet.

Classifications:

International (IPC 8-9): A01M7/00 A47K1/08 A47K5/00 B05B15/06 B67D3/00 B67D5/02 B67D5/06 B67D5/36 B67D5/365 B67D5/56 B67D7/02 B67D7/06 B67D7/38 B67D7/40 B67D7/74 F16L3/00 F16L41/02 F16L41/08 (Advanced/Invention); B67D7/02 (Advanced/Non-invention);

A01M7/00 B05B15/00 B67D3/00 B67D7/00 B67D7/06 B67D7/38 B67D7/74 F16L3/00 F16L41/02 F16L41/08 (Core/Invention)

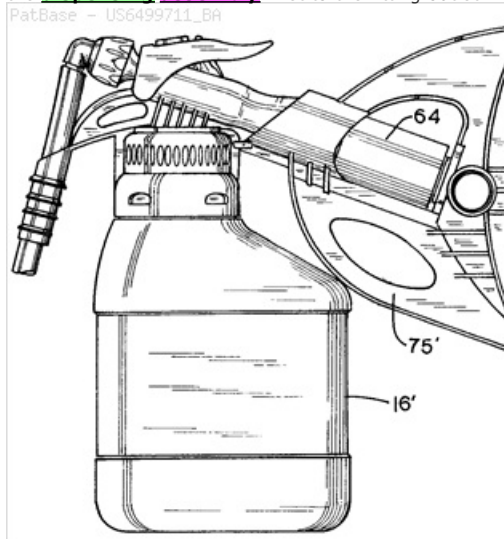
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CPC: B67D7/40 B67D7/74

European: B67D7/40 B67D7/74

US: 248/311.2

PatBase - US6499711_BA



Family:

Publication number	Publication date	Application number	Application date
AR036642 AA	20040922	AR2002P103640	20020926
AT315759 E	20060215	AT20020800834T	20020910
AU2002333570 AA	20030422	AU20020333570	20020910
AU2002333570 BB	20060518	AU20020333570	20020910
BRPI0212750 A	20041005	BR2002PI12750	20020910
CA2460275 AA	20040317	CA20022460275	20020910
CA2460275 C	20081118	CA20022460275	20020910
CA2590381 AA	20030417	CA20022590381	20020910
CL2002002318 A1	20030905	CL20020002318	20021009
CN1260115 C	20060621	CN20028018574	20020910
CN1592828 A	20050309	CN20028018574	20020910
DE60208720 D1	20060406	DE20026008720	20020910
DE60208720 T2	20060720	DE20026008720T	20020910
EP1434963 A1	20040707	EP20020800834	20020910
EP1434963 B1	20060111	EP20020800834	20020910
ES2254785 T3	20060616	ES20020800834T	20020910
JP2006507916 T2	20060309	JP20030534805T	20020910
JP4072124 B2	20080409	JP20030534805T	20020910
KR20040041676 A	20040517	KR20047005117	20020910
MXPA04003364 A1	20040708	MX2004PA03364	20020910
NZ531555 A	20050729	NZ20020531555	20020910
TH58327 A	20030912	TH20021003709	20021004
TW579285 B	20040311	TW20020121494	20020919
US6499711 BA	20021231	US20010973236	20011009
WO03031863 A1	20030417	WO2002US28882	20020910

Priority:

CA20022460275 20020910 CA20022590381 20020910 US20010973236 20011009
WO2002US28882 20020910 WO2002US28882 20020910

Probable Assignee: JOHNSON DIVERSEY INC

Assignee(s): (std): JOHNSON DIVERSEY INC ; JOHNSON DIVERSEY INC

Assignee(s): SC JOHNSON COMMERCIAL MARK INC ETS ; SC JOHNSON COMMERCIAL MARKETS INC ; SLATER ELIZABETH ANNE ; YOUNG MATTHEW EGERTON ; WU REUBEN ; CITIBANK NA ADMINISTRATIVE AGENT AS ; DIVERSEY INC WAS KNOWN AS JOHNSON DIVERSEY INC.. ; HUBMANN CURTIS HANS

Inventor(s): (std): HUBMANN CURTIS HANS ; CURTIS HANS HUBMANN ; REUBEN WU ; SLATER ELIZABETH ANNE ; WU REUBEN ; YOUNG MATTHEW EGERTON ; HANS HUBMANN CURTIS ; EGERTON YOUNG MATTHEW ; ANNE SLATER ELIZABETH ; YOUNG MATTHEW EGERTON ; REUBEN HUBMANN CURTIS HANS SLA

Inventor(s): HUBMANN CURTIS HANS SLATER ELIZABETH ANNE YOUNG MA ; MATHEW EGERTON YOUNG ; ELIZABETH ANNE SLATER ; YOUNG MATTHEW ; SLATER ELIZABETH ; HUBMANN CURTIS ; HUBMANN CURTIS HANS SLATER ELIZABETH ANNE ; MATTHEW EGERTON YOUNG

Agent(s): SPRUSON AND FERGUSON; BERESKIN AND PARR LLP SENCRL SRL; ALESSANDRI; MOTOMIYA TERUHISA; FUJINO IKUO; TAKANASHI NORIMICHI; UBUKATA KAZUO; OCHI TAKAO; OKABE MASAO; KATO NOBUAKI; USUI SHINICHI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD

SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Title: MIXING AND DISPENSING APPARATUS FOR BONE VOID FILLER

Abstract: Source: US2012071884A A method for preparing a de-aired hydraulic setting hardenable bone cement for filling a bone void or cavity by combining a powder bone substitute material and a aqueous liquid component, the method comprising the steps of: (a) supplying said powder bone substitute material in a first evacuable container; (b) withdrawing air from the first container to form a de-aired powder bone substitute material; and, then (c) mixing the de-aired powder bone substitute material and the aqueous liquid component together.

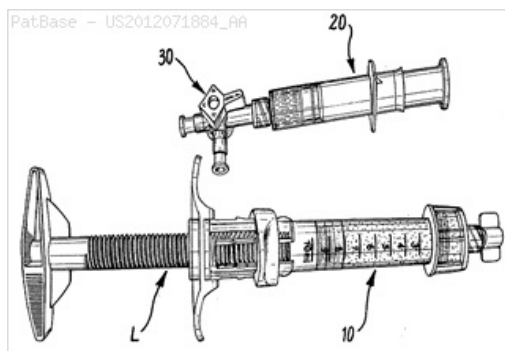
Classifications:

International (IPC 8-9): A61B17/58 A61F2/46 A61L24/02 A61L27/02 A61L27/12 B28C7/14 B65D83/00 C04B12/02 C04B28/14 (Advanced/Invention)

CPC: A61B17/8827 B01F5/0685 B01F11/0071 B01F13/0023

European: A61B17/88A2V B01F11/00L B01F13/00K2B4 B01F5/06F2C

US: 106/690 106/690S 106/772 106/772S 206/216 206/216S 366/6 366/6S 606/93 606/93P



Family:

Publication number	Publication date	Application number	Application date
CN102380124 A	20120321	CN201110256777	20110901
GB201014514 A0	20101013	GB20100014514	20100901
GB201114754 A0	20111012	GB20110014754	20110826
GB2483353 A1	20120307	GB20110014754	20110826
US2012071884 AA	20120322	US20110220627	20110829

Priority:

GB20100014514 20100901

Probable Assignee: BIOCOMPOSITES LTD

Assignee(s): (std): BIOCOMPOSITES LTD ; BRAYFORD MICHAEL JAMES ; COOPER JOHN JOSEPH ; WATERS DAVID RUSSELL

Assignee(s): BIOCOMPOSITES LIMITED

Inventor(s): (std): WATERS RUSSELL DAVID ; COOPER JOHN JOSEPH ; BRAYFORD MICHAEL JAMES ; WATERS DAVID RUSSELL ; RUSSELL WATERS DAVID ; JOSEPH COOPER JOHN ; JAMES BRAYFORD MICHAEL

Inventor(s): RUSSELL DAVID WATERS ; MICHAEL JAMES BRAYFORD ; JOHN JOSEPH COOPER

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CN204076480 U	20150107	CN201320661182U	20131024
CN204367151 U	20150603	CN201320660444U	20131024
DE602012023019 D1	20161020	DE201260023019T	20121024
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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW