

Search history

Search 1: IC=(C08L23/06 or C08L23/0815 or C08L2203/16 or C08L2205/025 or C08L2207/066) (Results 36189)
Search 2: TAC=((composition or blend) and LLDPE and (melt index)) (Results 307)
Search 3: pn= 1 and 2 (Results 118)
Search 4: TAC=(LLDPE and (homogeneously or heterogeneously) and branched) (Results 38)
Search 5: pn= 3 and 4 (Results 10)

1) Family number: 69681028 (US2019248966A)

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Title: SEMI-CRYSTALLINE POLYOLEFIN-BASED ADDITIVE MASTERBATCH COMPOSITION

Abstract: An additive masterbatch composition comprising a semi-crystalline polyolefin carrier resin and an additive package comprising a product of a reaction of an acidic condensation catalyst and a secondary diarylamine. A moisture-curable polyolefin composition comprising the additive masterbatch composition and a (hydrolyzable silyl group)-functional polyolefin prepolymer. A method of making the compositions; a moisture-cured polyolefin composition prepared therefrom; a manufactured article comprising or made from the formulation; and a method of using the manufactured article.

Classifications:

International (IPC 8-9): C08F110/02 C08F2/44 C08F8/42 C08J3/22 C08J3/24 C08K3/01 C08K3/016 C08K3/16 C08K5/00 C08K5/01 C08K5/02 C08K5/18 C08K5/25 C08K5/372 C08K5/42 C08K5/49 C08K5/50 C08K5/5333 C08L23/06 C08L23/14 C08L23/26 C09D123/26 C09D7/63 C09K21/14 H01B1/12 H01B3/44 H01B7/02 (Advanced/Invention)

International (IPC 1-7): C08J3/22 C08K3/16

CPC: C08J2323/08 C08J2351/06 C08J2423/02 C08J2423/06 C08K3/01 C08K2003/2282 C09K21/08 C08J2343/04 C08J2423/04 C08J2423/10 C08K3/2279 C08K3/34 C08K5/03 C08K5/14 C08K2003/2296 C08J3/22 H01B3/441 H01B7/295 C08F2/44 C08F8/42 C08K5/005 C08K5/18 H01B3/44 H01B7/02 C08J2323/06 C08K5/50 C08J2323/12 C08J2323/16 C08K3/016 C08K5/0066 C08K5/49 C08J2323/04 C08J2323/10 C08J3/241 C08K5/5333 C08K5/42 C08L23/142 C08L2312/08 H01B1/12 C08L2310/00 C08L23/06 C08L23/26 C08L2203/202 C08J3/223 C08K5/01 C08K5/372 C08K5/25 C09D123/26 C09D7/63 C08K2201/014 C08L2207/062 C08L2201/08 C08L2205/025 C08F110/02 C08J3/226 C08L23/0892 C08K5/02 C08K5/57

Family:

Publication number	Publication date	Application number	Application date
BR112019007054 A2	20190702	BR20191107054	20171031
BR112019008312 A2	20190723	BR20191108312	20171031
BR112019008428 A2	20190709	BR20191108428	20171031
CA3042235 AA	20190429	CA20173042235	20171031
CA3042237 AA	20190429	CA20173042237	20171031
CA3042242 AA	20190429	CA20173042242	20171031
CN109790300 A	20190521	CN201780061919	20171031
CN109890877 A	20190614	CN201780065931	20171031
CN109890878 A	20190614	CN201780066975	20171031
EP3535312 A1	20190911	EP20170797825	20171031
EP3535313 A1	20190911	EP20170797826	20171031
EP3535314 A1	20190911	EP20170804699	20171031
IN201917018606 A	20190726	IN201917018606	20190509
IN201917019069 A	20190802	IN201917019069	20190513
KR20190077395 A	20190703	KR20197013353	20171031
KR20190077396 A	20190703	KR20197013354	20171031
KR20190078582 A	20190704	KR20197013356	20171031
US2019248966 AA	20190815	US20170343890	20171031
US2019248993 AA	20190815	US20170343898	20171031
WO18085236 A1	20180511	WO2017US59217	20171031
WO18085239 A1	20180511	WO2017US59224	20171031
WO18085241 A1	20180511	WO2017US59228	20171031
WO18085366 A1	20180511	WO2017US59493	20171101
WO18160846 A1	20180907	WO2018US20465	20180301

Priority:

US20160416407P 20161102	US20160416415P 20161102	US20170466767P 20170303
US20170576194P 20171024	US20170343890 20171031	US20170343898 20171031
WO2017US59217 20171031	WO2017US59224 20171031	WO2017US59228 20171031
WO2017US59493 20171101		

Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC

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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 DJ 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 JO JP KE KG KH KM KN KP KR KW 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

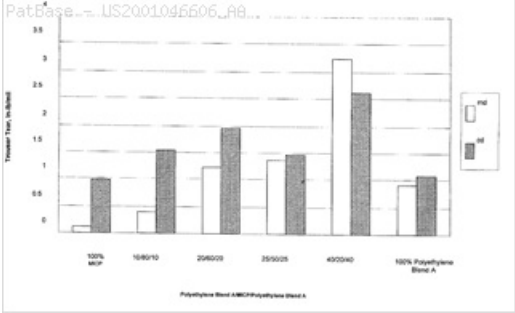
2) Family number: 28169374 (US2001046606A) © PatBase

Title: COMPOSITION AND FILMS THEREOF

Abstract: The present invention includes a coextruded film having at least two layers. The first layer contains a coupled propylene polymer and the second layer contains an in-reactor blend of a linear low density polyethylene fraction and a substantially linear polyethylene fraction. Alternatively, the second layer may include a homogeneously branched linear polyethylene. Preferably, the first layer makes up about 50 weight percent or less of the overall coextruded film structure. The first layer may also contain a polyethylene, such as a linear low density polyethylene, a low density polyethylene, a high density polyethylene, substantially linear polyethylene, a homogeneously branched linear polyethylene, an in-reactor blend of linear low density polyethylene and a substantially linear polyethylene, and blends thereof.

Classifications:

International (IPC 8-9): A22C13/00 B32B27/32 B65D65/40
C08J5/18 C08L23/08 C08L23/10 (Advanced/Invention);
B29C47/06 B29C55/28 C08L23/06 C08L23/12 (Advanced/Non-invention);
A22C13/00 B32B27/32 B65D65/40 C08L23/00 (Core/Invention);
B29C55/28 (Core/Non-invention)
International (IPC 1-7): B32B1/02 B32B27/08 B32B27/32 C08F8/34
C08L23/10
CPC: Y10T428/2495 Y10T428/1334 A22C13/0013 A22C2013/002
A22C2013/0053 B29C55/28 B32B27/322 C08L23/10 C08L2023/44
C08L2205/02 C08L2308/00 C08L2314/06 Y10T428/31909
Y10T428/31913 B32B27/08 B32B27/18 B32B27/20 B32B2307/41
B32B2307/746 B32B2323/046 B32B2323/10 B32B2439/70
B32B27/32 B32B2439/06 C08L23/0815
European: A22C13/00D B32B27/32 B32B27/32A C08L23/08A1
C08L23/10 K22C13/00E K22C13/00N L29C55/28 L32B439/06 M08L205/02 M08L23/08A1 M08L23/10 M08L23/44 M08L308/00
M08L314/06
US: 428/213 428/213S 428/35.2 428/35.200P 428/515 428/516 428/516P



Family:

Publication number	Publication date	Application number	Application date
AT264750 E	20040515	AT20010908687T	20010124
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AU200131133 A5	20010731	AU20010031133	20010124
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DE60102917 T2	20050407	DE20016002917T	20010124
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WO0153078 A1	20010726	WO2001US02394	20010124
WO0153079 A1	20010726	WO2001US02396	20010124
WO0153079 B1	20011101	WO2001US02396	20010124

Priority:

US20000177781P 20000124 US20000211048P 20000612 US20000232977P 20000914
US20000257513P 20001222 US20010769131 20010124 US20010769129 20010124
WO2001US02396 20010124 WO2001US02394 20010124

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FALLA DANIEL JAMES

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VOLKENBURGH ; LISA S MADENJIAN ; JOHAN A THOEN ; WENDY D HOENIG ; PAK WING S CHUM ;
JOHN KAARTO

Agent(s): SMART AND BIGGAR

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 CR CY CZ DE DK DM DZ
EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG 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 PL PT RO RU SD SE SG SI SK SL SN SZ TD

3) Family number: 41774414 (US2010003439A)

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Title: POLYETHYLENE COMPOSITIONS, METHODS OF MAKING THE SAME, AND ARTICLES PREPARED THEREFROM

Abstract: The invention is related to compositions suitable for the fabrication of pipes, and other articles, with excellent performance properties. The invention provides a composition, comprising a blend, wherein said blend comprises a high molecular weight ethylene-based interpolymer and a low molecular weight ethylene-based interpolymer, and the high molecular weight ethylene-based interpolymer is a heterogeneously branched linear or a homogeneously branched linear ethylene-based interpolymer, and has a density from 0.922 g/cc to 0.929 g/cc, and a high load melt index (I21) from 0.2 g/10 min to 1.0 g/10 min, and the low molecular weight ethylene-based interpolymer is heterogeneously branched linear or a homogeneously branched linear ethylene-based interpolymer, and has a density from 0.940 g/cc to 0.955 g/cc, and a melt index (I2) from 6 g/10 min to 50 g/10 min. The blend has a single peak in an ATREF profile eluting above 30 degrees centigrade, and has a coefficient of viscosity average molecular weight (CMV) less than -0.0032 in the log(calculated Mv) versus elution temperature, said CMV calculated in the range of elution temperatures from 70 degrees centigrade to 90 degrees centigrade. The Mv is the viscosity average molecular weight.

Classifications:

International (IPC 8-9): B32B1/08 C08F2/00 C08F210/02 C08F8/00 C08J5/00 C08K5/09 C08K5/13 C08K5/17 C08K5/53 C08L23/00 C08L23/04 C08L23/06 C08L23/08 C08L23/26 F16L9/12 (Advanced/Invention);

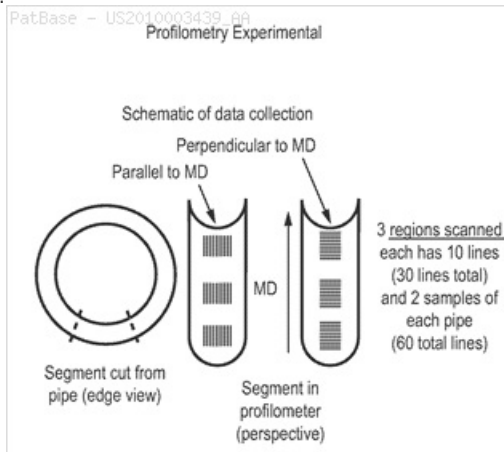
B32B1/00 C08K5/00 C08L23/00 (Core/Invention)

International (IPC 1-7): C08L23/00

CPC: C08L23/26 C08L23/0815 C08L2205/02

European: C08L23/08A1 M08L205/02

US: 428/36.9 428/36.900P 524/130 524/130S 524/186 524/186S 524/323 524/323S 524/400 524/400S 524/528 524/528S 525/191 525/240 525/240S

**Family:**

Publication number	Publication date	Application number	Application date
AR063503 AA	20090128	AR2007P104662	20071022
AT469940 E	20100615	AT20070854209T	20071019
AT535568 E	20111215	AT20070005328T	20071019
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BRPI0716335 B1	20190122	BR2007PI16335	20071019
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CL2007003034 A1	20080620	CL20070003034	20071022
CL49888 B	20080620	CL20070003034	20071022
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EP2223961 A1	20100901	EP20100005328	20071019
EP2223961 B1	20111130	EP20100005328	20071019
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ES2389876 T3	20121102	ES20100009293T	20071019
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IN286424 B	20170825	IN2009CN02264	20090424
MX2009004347 A1	20090702	MX20090004347	20071019
PL2267070 T3	20121130	PL20100009293T	20071019
RU2009119449 A	20101127	RU20090119449	20071019
RU2457224 C2	20120727	RU20090119449	20071019
TH98297 A	20090917	TH20071005292	20071019
US2010003439 AA	20100107	US20070446652	20071019
US2013137828 AA	20130530	US20120717247	20121217
US8344068 BB	20130101	US20070446652	20071019
US8791205 BB	20140729	US20120717247	20121217
WO08051824 A2	20080502	WO2007US81893	20071019
WO08051824 A3	20080821	WO2007US81893	20071019

Priority:

US20060853652P 20061023	US20060853652P 20061026	EP20070854209 20071019
EP20100005328 20071019	US20070446652 20071019	EP20100009293 20071019
WO2007US81893 20071019	WO2007US81894 20071019	US20090446652 20090422
US20120717247 20121217		

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Agent(s):

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Designated states:

AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI 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 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

4) Family number: 47010452 (US2010324202A)

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Title: HETEROGENEOUS ETHYLENE ALPHA-OLEFIN INTERPOLYMERS

Abstract: An interpolymer of ethylene and at least one alpha-olefin is claimed, wherein the ethylene interpolymer is characterized as having an average Mv and a valley temperature between the interpolymer and high crystalline fraction, Thc, such that the average Mv for a fraction above Thc from ATREF divided by average Mv of the whole polymer from ATREF (Mhc/Mp) is less than about 1.95 and wherein the interpolymer has a CDBI of less than 60 percent. The interpolymer of ethylene and at least one alpha-olefin can also be characterized as having a high density (HD) fraction and an overall density such that percent HD fraction < -2733.3+2988.7x+144111.5 (x-0.92325)² where x is the density in grams/cubic centimeter. Fabricated articles comprising the novel interpolymers are also disclosed.

Classifications:

International (IPC 8-9): B32B27/00 B32B27/08 B32B27/32 B32B3/00 B32B7/02 C08F10/02 C08F110/02 C08F210/02 C08F210/16 C08F4/00 C08F4/12 C08F4/42 C08F4/50 C08F4/60 C08F4/622 C08F4/632 C08F4/645 C08F4/654 C08J5/18 C08L101/00 C08L23/04 C08L23/06 C08L23/08 (Advanced/Invention); C08L23/06 C08L23/08 (Core/Invention)

International (IPC 1-7): B32B27/32 C08F10/02 C08F110/02 C08F210/02 C08F210/16 C08J5/18 C08L23/04 C08L23/06 C08L23/08

CPC: C08L2666/06 C08L2666/02 C08F210/14 C08F2500/12 C08F2500/03 C08F2500/08 C08F2500/26 C08L23/06 B32B7/02 C08L23/0815 Y10T428/31913 Y10T428/31938 C08L23/08 C08F4/6224 C08F4/632 C08F2410/04 C08F2500/02 C08F2810/20 C08J5/18 B32B27/32 C08F210/16

European: B32B27/32 B32B7/02 C08F210/16 C08L23/06 C08L23/08A1 M08F210/16 M08L23/06 M08L23/08A1

US: 1/1 428/220 428/220P 428/516 428/516P 428/516S 428/523 428/523S 524/570 525/240 525/240P 525/240S 525/333.7 525/333.700S 525/55 525/55S 526/123.1 526/123.100S 526/124.1 526/124.2 526/124.3 526/124.7 526/124.700S 526/226 526/226S 526/348 526/348.1 526/348.2 526/348S

PatBase - US2010324202_AA

Patent Application Publication Dec. 23, 2010 US 2010/0324202 A1

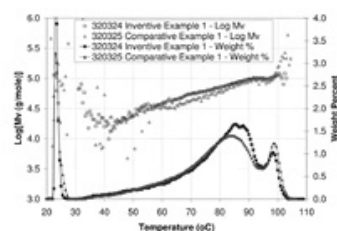


Figure 1

Family:

Publication number	Publication date	Application number	Application date
BRPI0923985 A2	20160126	BR2009PI23985	20091216
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BRPI1006776 A2	20190326	BR2010PI06776	20100330
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EP2414159 A1	20120208	EP20100758033	20100326
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EP2414410 A4	20120815	EP20090842525	20091216
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Priority:

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Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC

Assignee(s): (std): DOW GLOBAL TECH LLC ; LEE DANIELLE ; YUN XIAOBING ; WU CHANG ; WANG JOY ; WASTIANI RISDIANTI ; GOH HWEE LUN ; TICE COLLEEN ; PEARCE TERRY ; GINGER DOUGLAS S ; GINGER DOUGLAS S ; YUN XIAO BING ; WANG JOY GUO HUI ; PEARCE TERRY A ; TICE COLLEEN M ; BAFNA AUYUSH A ; BAFNA AYUSH ; BAFNA AYUSH A ; DAU GLOBAL TEKNOLODZHIZ EHLEHLSI ; DOW GLOBAL TECHNOLOGIES INC ; DEMIRORS MEHMET ; DESJARDINS SYLVIE ; DOW GLOBAL TECHNOLOGIES LLC

Assignee(s): DOW CHEMICAL CHINA CO LTD ; DOW CHEMICAL CO ; DOW CHEMICAL PACIFIC SINGAPORE PRIVATE LTD ; PT DOW AGOSCIENCES INDONESIA ; DOW GLOBAL TECHNOLOGIES LLC MIDLAND

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Inventor(s): RISIDIANTI WASTIANI ; TICE COLLEEN HOUSTON ; DOUGLASGINGER ; HWEE LUN GOH

Agent(s): SMART AND BIGGAR; MURGITROYD AND CO; BOEHM BRIGITTE; BOULT WADE TENNANT; DE ELZABURU ALBERTO; KOBAYASHI HIROSHI; OHMORI NORIO; THE DOW CHEMICAL COMPANY; DOW CHEMICAL CO; LIU SHEN AND ASSOCIATES; KRUPP STEPHEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ 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 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 PE PG PH PL PT RO RS RU 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

Title: POLYOLEFIN COMPOSITIONS EXHIBITING HEAT RESISTIVITY LOW HEXANE-EXTRACTIVES AND CONTROLLED MODULUS

Abstract: Abstract The subject invention provides a polymer mixture having high heat resistivity, low hexane extractive and controllably lower or higher modulus. The mixture is comprised of at least one first substantially linear ethylene polymer, Component (A), and at least one second ethylene polymer which is a homogeneously branched polymer, heterogeneously branched linear polymer or a non- high density. When fabricated into film, the mixture is characterized by a heat seal initiation temperature which is substantially lower than its Vicat softening point as well as a high ultimate hot tack strength. When fabricated as a molded article, the mixture is characterized by high microwave warp distortion while maintaining a lower modulus. The polymer mixture is particularly well- suited for use in multilayer film structures as a sealant layer for such applications as cook-in packages, hot-fill packages, and barrier shrink films. In molding applications, the mixture is well-suited as freezer-to-microwave food storage containers and lids which maintain good flexibility at low temperature to allow easy openability of such containers.

Classifications:

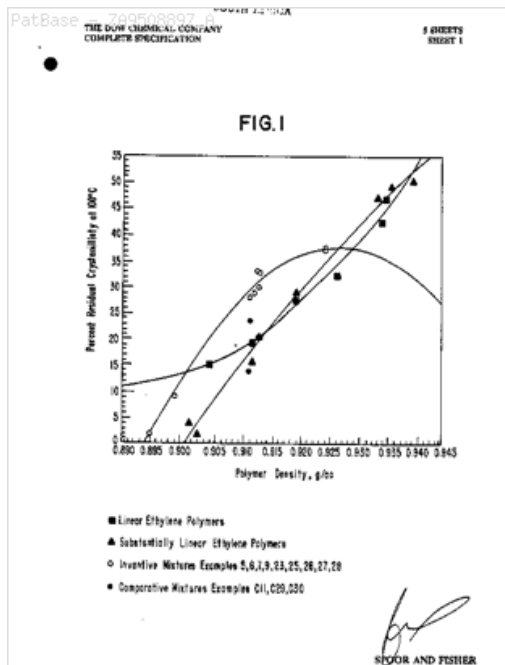
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B29C47/00 B32B27/32 B65D1/00 B65D65/40 B65D81/34 C08F110/00 C08F210/00 C08J5/18 C08L23/00 C09J123/00 (Core/Invention); C08F110/00 (Core/Non-invention)

International (IPC 1-7): B29C47/00 B32B27/32 B65D1/09 B65D65/40 B65D81/34 C08F110/00 C08F210/00 C08F210/08 C08J5/18 C08L23/04

CPC: Y10T428/1334 Y10T428/1352 Y10T428/1393 Y10T428/1397 Y10T428/24992 Y10T428/2826 B32B27/32 B32B27/322 C08F110/02 C08F210/16 C08J5/18 C08J2323/04 C08J2323/08 C08L23/0815 C08L2205/02 C08L2314/06 C09J123/0815 Y10T428/31913 C08L23/06 C08F2420/02 C08L2666/06 C08F4/65908 C08F4/65912 B29C48/022 B29C48/08 B29C48/10

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**Family:**

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AT240988 E	20030615	AT19950937338T	19951004
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CA2203128 AA	19970418	CA19952203128	19951004
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TW381098 B	20000201	TW19950111871	19951109
WO9612762 A1	19960502	WO1995US12773	19951004
ZA9508897 A	19970421	ZA19950008897	19951020

Priority:

US19940327156 19941021 WO1995US12773 19951004

Probable Assignee: DOW GLOBAL TECHNOLOGIES INC

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Inventor(s): P JAIN ; LG HAZLITT ; JA DEGROOT ; DAN GMOLDOVAN ; LONNIE G HAZLIT ; MERGENHAGEN LAURA K AND ; L G HAZLITT ; J A DEGROOT ; VAJTMEN NIKOL' F. ; JAQUELYN A DEGROOT ; G HAZLITT LONNIE

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; SMART AND BIGGAR; ERNESTO CAVELIER

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KR KZ LI LK LR LT LU LV MC MD MG ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TT UA UG US UZ

6) Family number: 63993685 (US2018079897A)

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Title: RESIN COMPOSITIONS FOR EXTRUSION COATING

Abstract: Polyethylene-based compositions are provided that can be used, for example, in the formation of film layers. In one aspect, a composition comprises (a) a first linear low density polyethylene having a density of 0.900 to 0.915 g/cm³ and a melt index (I₂) of 5.0 to 25 g/10 min, wherein the linear low density polyethylene is a blend of at least two components: (i) 20-40 percent by weight of a second linear low density polyethylene, wherein the second linear low density polyethylene is a homogeneously branched ethylene/a-olefin interpolymer having a density of 0.870-0.895 g/cm³ and a melt index (I₂) of 2.0-6.0 g/10 min; and (ii) 60-80 percent by weight of a third linear low density polyethylene, wherein the density of the third linear low density polyethylene is at least 0.02 g/cm³ greater than the density of the second linear low density polyethylene and wherein the melt index (I₂) of the third linear low density polyethylene is at least twice the melt index (I₂) of the second linear low density polyethylene.

Classifications:

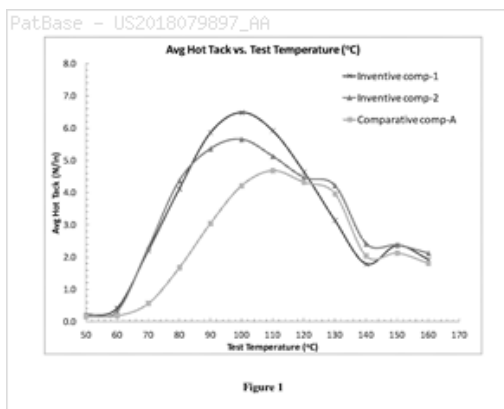
International (IPC 8-9): C08F210/02 C08L23/06

C08L23/08 (Advanced/Invention)

CPC: C08L23/06 C08L2207/066 C08L23/0815 C08L2203/16

C08L2205/025

US: 1/1 525/240



Family:

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AR104537 AA	20170726	AR2016P101291	20160506
BR112017023796 A2	20180717	BR20171123796	20160426
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MX2017014115 A1	20180316	MX20170014115	20160426
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Priority:

US20150160867P 20150513

US20160564149 20160426

WO2016US29344 20160426

Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC

Assignee(s): (std): DOW GLOBAL TECH LLC ; DOW GLOBAL TECHNOLOGIES INC ; DOW GLOBAL TECHNOLOGIES LLC

Inventor(s): (std): WANG JIAN ; DEMIRORS MEHMET ; GINGER DOUGLAS S ; DEMRORS MEHMET ; GNGER DOUGLAS S ; WANG JAN ; JIAN WANG ; MEHMET DEMIRORS ; DOUGLAS S GINGER

Agent(s): ANDRES RINCON USCATEGUI; BOULT WADE TENNANT; MAROLITA SETIATI; KOBAYASHI HIROSHI; KATAYAMA EIJI; OHMORI NORIO; LINK J JASON

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

7) Family number: 30468745 (US2006030667A)

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Title: POLYMER COMPOSITIONS COMPRISING A LOW-VISCOSITY, HOMOGENEOUSLY BRANCHED ETHYLENE ALPHA-OLEFIN EXTENDER

Abstract: A thermoplastic composition is described that comprises (i) from 1 to 99 percent by weight of the total composition of at least one thermoplastic copolymer, for example, styrene block copolymers, and (ii) from 1 to 99 percent by weight of the total composition of at least one homogeneously branched ethylene/alpha-olefin interpolymer, for example ethylene/1-octene, having a density of less than or equal to 0.899 g/cc and a Brookfield viscosity of greater than 500 cP (350 degrees Fahrenheit).

Classifications:

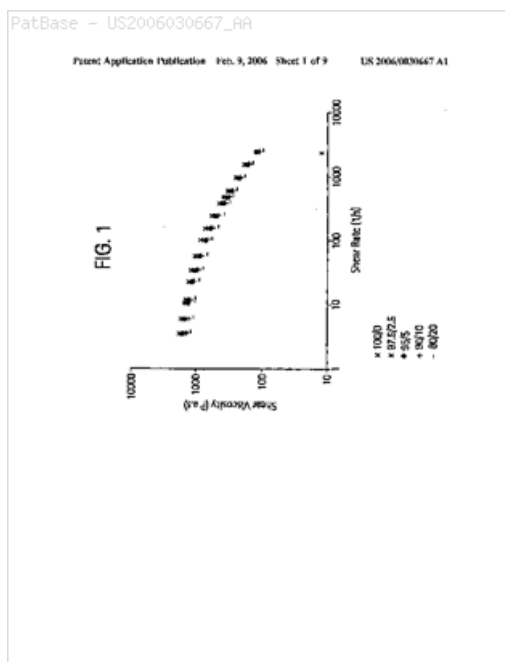
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International (IPC 1-7): C08L101/00 C08L101/02 C08L23/04 C08L53/02

CPC: C08L23/0815 C08L23/04 C08L23/06 C08L23/08 C08L23/0869 C08L23/10 C08L23/12 C08L23/16 C08L53/02 C08L63/00 C08L67/00 C08L69/00 C08L77/00 C08L101/00 C08L2205/02 C08L2205/025 C08L2205/03 C08L2207/04

European: C08L101/00 C08L23/04 C08L23/06 C08L23/08 C08L23/08A1 C08L23/08C1 C08L23/08C1+B2A C08L23/08C3 C08L23/10 C08L23/12 C08L53/02 C08L63/00 C08L67/00 C08L69/00 C08L77/00 M08L205/02 M08L205/025 M08L205/03 M08L207/04 M08L23/06 M08L23/08A1 M08L23/08C3 M08L23/10 M08L23/16 M08L63/00

US: 525/191 525/191P 525/240



Family:

Publication number	Publication date	Application number	Application date
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AU2003272714 AH	20040423	AU20030272714	20030926
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Priority:

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WO2003US30434 20030926 US20030529919 20030926

Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC

Assignee(s): (std): CHEUNG WILSON ; CHEUNG YUNWA W ; DOW GLOBAL TECHNOLOGIES INC ; DOW GLOBAL TECHNOLOGIES LLC ; KARJALA TERESA ; MONCLA BRAD ; WALTHER BRIAN W ; YALVAC SELIM

Assignee(s): DOW GLOBAL TECHNOLOGIES LLC MIDLAND

Inventor(s): (std): YALVAC SELIM ; KARJALA TERESA ; CHEUNG YUNWA W ; MONCLA BRAD ; WALTHER BRIAN W ; CHEUNG YUNWA ; WALTHER BRIAN ; CHEUNG WILSON

Inventor(s): SELIM YALVAC ; TERESA KARJALA ; YUNWA W CHEUNG ; BRAD MONCLA ; BRIAN W WALTHER ; CHEUNG YUNWA W LAKE JACKSON ; KARJALA TERESA LAKE JACKSON ; WALTHER BRIAN W LAKE JACKSON ; MONCLA BRAD LAKE JACKSON ; YALVAC SELIM PEARLAND

Agent(s): MURGITROYD AND CO; RAYNOR JOHN; DE ELZABURU ALBERTO; THE DOW CHEMICAL COMPANY; DOW CHEMICAL CO

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 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 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 US UZ VC YU ZA ZM ZW

8) Family number: 30423749 (US2005256270A)

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Title: POLYMER COMPOSITIONS FOR EXTRUSION COATING

Abstract: Compositions suitable for use in extrusion coating are claimed. The compositions comprise a mixture of a homogeneous ethylene polymer and a heterogeneous ethylene polymer together with a high melt strength polyolefin. Film layers made from the compositions have improved "neck-in" and excellent heat seal initiation.

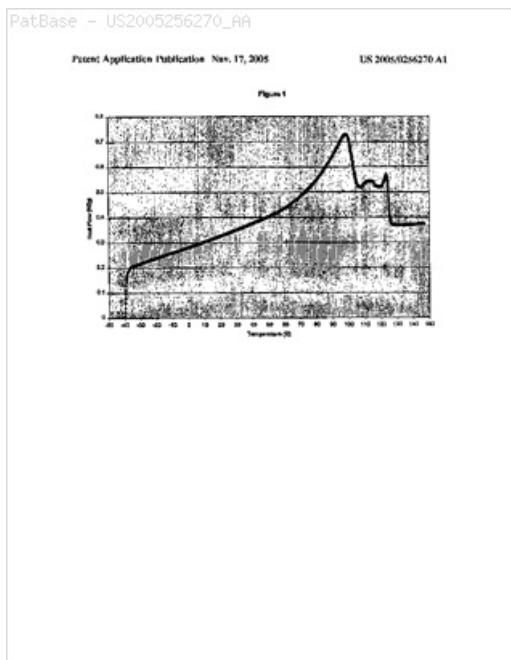
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C08J5/18 C08L23/04 C08L23/06 C08L23/08 C08L23/10 C08L23/14 C08L31/04 (Advanced/Non-invention)

International (IPC 1-7): B32B27/32 C08J5/18 C08L23/00 C08L23/04

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US: 428/500 525/240 525/240P 525/242



Family:

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US2005256270 AA	20051117	US20030528610	20030922
US7846552 BB	20101207	US20030528610	20030922
WO04026955 A2	20040401	WO2003US29620	20030922
WO04026955 A3	20040624	WO2003US29620	20030922

Priority:

US20020412843 20020923 US20020412843P 20020923 US20030528610 20030922
WO2003US29620 20030922 US20050528610 20050321

Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC

Assignee(s): (std): DOW GLOBAL TECHNOLOGIES INC ; DOW GLOBAL TECHNOLOGIES LLC ; WEEKS RONALD J

Assignee(s): PHILIPS ELECTRONICS KONINKLL NV

Inventor(s): (std): WEEKS RONALD J ; RONALD J WEEKS

Inventor(s): WEEKS RONALD

Agent(s): SMART AND BIGGAR; THE DOW CHEMICAL COMPANY; DOW CHEMICAL CO

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 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 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 US UZ YU ZA ZM ZW

9) Family number: 56339763 (US2015225521A)

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Title: POLYMER BLENDS AND ARTICLES MADE THEREFROM

Abstract: Polymer compositions including (A) 15.0 to 90.0 wt percent of a heterogeneously branched ethylene polymer having polymer units derived from at least one C3-C20 alpha-olefin and having a CBI<50.0 percent; and (B) 85.0 to 10.0 weight percent of an ethylene-based polymer and films made therefrom are disclosed.

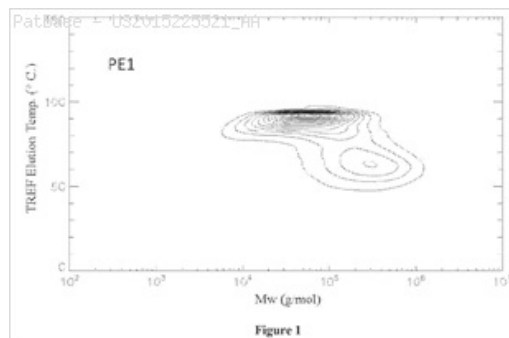
Classifications:

International (IPC 8-9): C08J5/18 C08L23/00 C08L23/06

C08L23/08 (Advanced/Invention);

C08L23/00 C08L23/06 C08L23/08 (Core/Invention)

CPC: C08L2203/16 C08L2207/07 C08J5/18 C08J2323/06



Family:

Publication number	Publication date	Application number	Application date
BR112015005875 A2	20170704	BR20151105875	20130930
CN104736625 A	20150624	CN201380055369	20130930
CN104736625 B	20180720	CN201380055369	20130930
DE602013030823 D1	20180118	DE201360030823T	20130930
EP2912114 A1	20150902	EP20130779660	20130930
EP2912114 B1	20171213	EP20130779660	20130930
GC9718 A	20190210	GC2013P025648	20131027
ID201702015 A	20170310	ID2015P0001140	20130930
IN01430DN2015 A	20150703	IN2015DN01430	20150220
IN316325 B	20190719	IN2015DN01430	20150220
MX2015002702 A1	20160205	MX20150002702	20130930
RU2015106313 A	20161220	RU20150106313	20130930
RU2656997 C2	20180608	RU20150106313	20130930
TH175715 A	20180503	TH20151000980	20130930
US2015225521 AA	20150813	US20130423042	20130930
WO14065989 A1	20140501	WO2013US62589	20130930
WO14065989 A8	20140807	WO2013US62589	20130930

Priority:

US20120718861P 20121026 EP20130779660 20130930 WO2013US62589 20130930
US20130423042 20130930

Probable Assignee: EXXON MOBIL CORP

Assignee(s): (std): EKSONMOBIL KEMIKEL PEJTENTS INK ; EXXON MOBIL CORP ; EXXONMOBIL CHEM PATENTS INC ; EXXONMOBIL CHEMICAL PATENTS INC

Assignee(s): EXXONMOBIL CHEMICAL PATENTS INC BAYTOWN ; UNIVATION TECHNOLOGIES LLC

Inventor(s): (std): CHENG JIANYA ; ZHU ZHENYU ; JIANYA CHENG ; ZHENYU ZHU ; CHZHU CHZHENYU ; CHEN TSZYANYA

Inventor(s): DAVID ZHEN YU ZHU ; CHENG JIANYA KINGWOOD

Agent(s): UEXKUELL AND STOLBERG PARTNERSCHAFT VON PATENT U RECHTSANWAELTEN MBB; EXXONMOBIL CHEMICAL EUROPE INC; SAUD M A SHAWWAF LAW OFFICE; DORA AM BADAR S PSI; EVROMARKPAT; ARECHEDERRA LEANDRO III ET AL

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 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

10) Family number: 51333822 (US2013261265A)

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Title: ETHYLENE-BASED POLYMERS AND PROCESSESS TO MAKE THE SAME

Abstract: The invention provides an ethylene-based polymer comprising the following properties: A) a MWDconv from 7 to 10; and B) a "normalized LSF" greater than, or equal to, 9.5.

Classifications:

International (IPC 8-9): C08F10/02 C08F110/02 C08F210/16

C08F8/00 C08J5/00 C08J5/18 C08L23/04

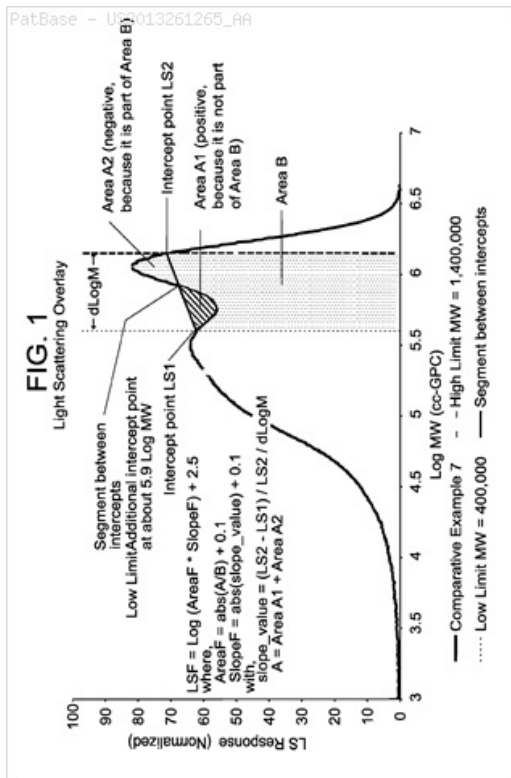
C08L23/06 (Advanced/Invention)

CPC: C08L23/06 C08F110/02 C08J5/18 C08L23/0815 C08L2203/16

C08L2205/025 C08L2207/066 C08F10/02

European: C08F10/02 M08F110/02

US: 525/191 525/240 526/352 526/352.2

**Family:**

Publication number	Publication date	Application number	Application date
AR084330 AA	20130508	AR2011P104733	20111216
BR112013014809 A2	20160927	BR20131114809	20111202
CA2821248 AA	20130611	CA20112821248	20111202
CA2821248 C	20190108	CA20112821248	20111202
CN103347907 A	20131009	CN201180067349	20111202
CN103347907 B	20161026	CN201180067349	20111202
DE602011030614 D1	20161103	DE201160030614T	20111202
EP2651987 A1	20131023	EP20110793991	20111202
EP2651987 B1	20160921	EP20110793991	20111202
ES2605991 T3	20170317	ES20110793991T	20111202
IN04496CN2013 A	20160610	IN2013CN04496	20130612
JP2013545873 T2	20131226	JP20130544533T	20111202
JP2017101251 A2	20170608	JP20170013514	20170127
JP6328933 B2	20180523	JP20130544533T	20111202
KR101845119 B1	20180403	KR20137018568	20111202
KR20130140110 A	20131223	KR20137018568	20111202
SG191149 A1	20130731	SG20130045653	20111202
US2013261265 AA	20131003	US20110990064	20111202
US8822601 BB	20140902	US20110990064	20111202
WO12082393 A1	20120621	WO2011US62991	20111202

Priority:

US20100424386P 20101217	EP20110793991 20111202	JP20130544533T 20111202
WO2011US62991 20111202	US20110990064 20111202	JP20170013514 20170127

Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC**Assignee(s):** (std): DOW GLOBAL TECHNOLOGIES LLC ; KARDOS LORI L ; KARJALA TERESA P ; ORTEGA JOSE ; YAU WALLACE W ; DOW GLOBAL TECHNOLOGIES INC ; DOW GLOBAL TECHNOLOGIES LLC**Assignee(s):** DOW GLOBAL TECHNOLOGIES LLC MIDLAND**Inventor(s):** (std): ORTEGA JOSE ; KARJALA TERESA P ; YAU WALLACE W ; KARDOS LORI L ; KARJALA TERESA ; WALLACE W YAU ; JOSE ORTEGA**Inventor(s):** KARJALA TERESA P LAKE JACKSON ; YAU WALLACE W PEARLAND ; KARDOS LORI L SUGARLAND ; ORTEGA JOSE LAKE JACKSON ; LORI L KARDOS ; TERESA KARJALA**Agent(s):** SMART AND BIGGAR; MURGITROYD AND CO; BOULT WADE TENNANT; DE ELZABURU ALBERTO; KOBAYASHI HIROSHI; OHMORI NORIO; TERRY JANE**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ 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 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 PE PG PH PL PT QA RO RS RU RW 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