

1) Family number: 29255321 (WO8900761A1)

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Title: ELECTRICAL WIRE

Abstract: An electrical wire comprises an elongate electrical conductor and electrical insulation that comprises: a) an inner insulating layer which comprises polyamide or polyester having aliphatic moieties; and b) an outer insulating layer which comprises an aromatic polymer. The wire exhibits good electrical and mechanical properties associated with highly aromatic polymers together with high resistance to electrical arcing.

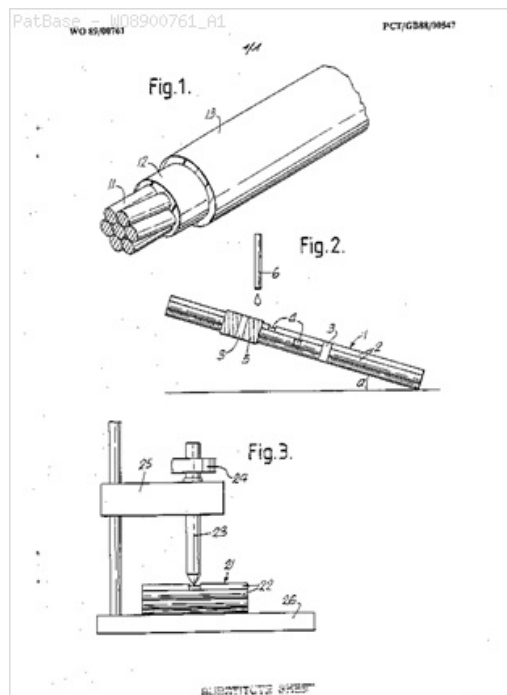
Classifications:

International (IPC 8-9): B29C47/02 C09D167/02 C09D171/00 C09D171/10 C09D177/00 C09D179/08 C09D181/00 C09D181/02 C09D181/06 H01B3/28 H01B3/30 H01B3/42 H01B7/02 H01B7/28 H01B7/295 (Advanced/Invention)

International (IPC 1-7): B29C47/02 C09D167/02 C09D171/10 C09D177/00 C09D179/08 C09D181/02 C09D181/06 H01B3/28 H01B3/30 H01B3/42 H01B7/02 H01B7/28 H01B7/34

CPC: H01B3/305 H01B3/421 H01B3/427 H01B7/2813 H01B7/295

European: H01B3/30C2 H01B3/42B H01B3/42D H01B7/28D H01B7/295

**Family:**

Publication number	Publication date	Application number	Application date
AT85146 E	19930215	AT19880905963T	19880708
CA1319738 A1	19930629	CA19880571502	19880708
DE3877963 D1	19930311	DE19883877963	19880708
DE3877963 T2	19930513	DE19883877963T	19880708
EP0366700 A1	19900509	EP19880905963	19880708
EP0366700 B1	19930127	EP19880905963	19880708
GB8716306 A0	19870819	GB19870016306	19870710
JP2504201 T2	19901129	JP19880505733	19880708
JP3036753 B2	20000424	JP19880505733	19880708
WO8900761 A1	19890126	WO1988GB00547	19880708

Priority:

GB19870016306 19870710 CA19880571502 19880708 EP19880905963 19880708

Probable Assignee: RAYCHEM LTD**Assignee(s):** (std): RAYCHEM LIMITED ; RAYCHEM LTD**Assignee(s):** RAYCHEM LTD LONDON GB ; DAY STEPHEN ; PENNECK RICHARD JOHN**Inventor(s):** (std): PENNECK RICHARD JOHN ; PENNECK RICHARD J ; PENNECK JOHN ; DAY STEPHEN**Inventor(s):** DAY STEPHEN SWINDON WILTSHIRE GB ; PENNECK JOHN RICHARD GLOUCESTERSHIRE GB**Agent(s):** FETHERSTONHAUGH AND CO**Designated states:** AT BE CH DE FR GB IT JP LI LU NL SE US**2) Family number: 28221543** (US2002096356A)

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Title: DUAL LAYER INSULATION SYSTEM

Abstract: A low-smoke, highly flame-retardant and flexible dual layer insulation system, which demonstrates improved cut-through resistance, is provided. The inventive insulation system, which is suitable for use as an outer covering for wires or conductors, comprises a cross-linked, highly flame-retardant and halogen-free first insulating layer and a tough, flexible second insulating layer.

Classifications:

International (IPC 8-9): H01B1/12 H01B7/295 (Advanced/Invention); H01B1/12 H01B7/17 (Core/Invention)

International (IPC 1-7): D02G3/00 H01B17/00 H01B7/00

CPC: Y10T428/2933 Y10T428/294 Y10T428/2947 H01B7/295 H01B1/12

European: H01B1/12 H01B7/295
US: 174/120SR 174/121A 174/137 174/137A 428/375 428/379 428/383

Family:

Publication number	Publication date	Application number	Application date
US2002096356 AA	20020725	US20010992375	20011116
US6638617 BB	20031028	US20010992375	20011116

Priority:

US20000253617P 20001128 US20010992375 20011116

Probable Assignee: JUDD WIRE INC

Assignee(s): (std): JUDD WIRE INC ; KIM YOUNG JOON ; LISTRO ANTHONY E ; TRIVEDI AKSHAY H

Inventor(s): (std): KIM YOUNG JOON ; LISTRO ANTHONY E ; TRIVEDI AKSHAY H

3) Family number: 48234615 (US2012132457A)

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Title: FLAME RETARDANT THERMOPLASTIC ELASTOMER

Abstract: The present disclosure provides a composition which includes a thermoplastic elastomer and a flame retardant composed of a metal hydrate and an oligomeric phosphate ester. The weight ratio of metal hydrate to oligomeric phosphate ester is greater than 1.45:1. The composition may be a component of an article such as a coated wire or a coated cable, with the composition present in the coating.

Classifications:

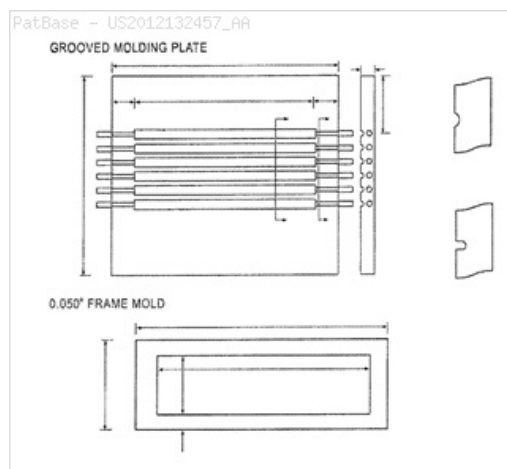
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H01B7/295 (Advanced/Invention);
C08G77/04 C08K3/00 C08K3/22 C08K5/523 C08L23/08 C08L31/04 (Advanced/Non-invention);
C08K5/521 C08L101/12 C08L23/00 C09K21/14 (Core/Non-invention)

CPC: C08L2666/04 C08L2666/06 C08L75/08 C08G18/4238 C08G18/4854 C08G77/04 C08K3/22 C08K5/0066 C08K5/523 C08L23/0853 C08L31/04 C08L75/06 C08L101/00 C08K5/521 H01B3/30 C08K3/016

European: C08G18/42C3 C08G18/48H C08L75/06 C08L75/08 M08G77/04 M08K3/00P8 M08K3/22 M08K5/521 M08K5/523 M08L31/04

US: 174/110R 174/110SR 524/127 524/127S



Family:

Publication number	Publication date	Application number	Application date
BR112012002247 A2	20160614	BR20121102247	20090731
CA2769007 AA	20110203	CA20092769007	20090731
CA2769007 C	20180116	CA20092769007	20090731
CN102549056 A	20120704	CN200980161577	20090731
CN102549056 B	20141029	CN200980161577	20090731
DE602009045771 D1	20170608	DE200960045771T	20090731
EP2459632 A1	20120606	EP20090847707	20090731
EP2459632 A4	20130123	EP20090847707	20090731
EP2459632 B1	20170426	EP20090847707	20090731
JP2013501081 T2	20130110	JP20120521924T	20090731
JP5458174 B2	20140402	JP20120521924T	20090731
KR101726900 B1	20170413	KR20127005197	20090731
KR20120053017 A	20120524	KR20127005197	20090731
MX2012001402 A1	20120420	MX20120001402	20090731
TW201103956 A	20110201	TW20100120083	20100621
US2012132457 AA	20120531	US20090387865	20090731
US8987597 BB	20150324	US20090387865	20090731
WO11011921 A1	20110203	WO2009CN073020	20090731

Priority:

EP20090847707 20090731 WO2009CN073020 20090731

Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC

Assignee(s): (std): EATON ROBERT F ; DOW GLOBAL TECHNOLOGIES INC ; DOW GLOBAL TECHNOLOGIES LLC ; QI YU D ; DOW GLOBAL TECHNOLOGIES LLC FORMERLY KNOWN AS DOW GLOBAL TECHNOLOGIES INC ; DOW GLOBAL TECHNOLOGIES LLC WAS KNOWN AS DOW GLOBAL TECHNOLOGIES INC.. ; DOW GLOBAL TECH LLC ; CHEN GIVEN J ; CHEN JING ; TAI XIANGYANG ; YAO WEIGUANG ; QI YUDONG ; YAO WEI G ; TAI XIANG Y

Assignee(s): UNION CARBIDE CHEMICALS AND PLASTICS TECHNOLOGY LLC ; DOW CHEMICAL CHINA CO LTD ; DOW CHEMICAL CO ; DOW GLOBAL TECHNOLOGIES LLC MIDLAND

Inventor(s): (std): YUDONG QI ; YAO WEIGUANG ; XIANGYANG TAI ; WEIGUANG YAO ; TAI XIANGYANG ; QI YUDONG ; JING CHEN ; EATON ROBERT F ; CHEN JING ; QI YU D ; CHEN GIVEN J ; TAI XIANG YANG ; QI YU DONG ; CHEN GIVEN JING ; YAO WEI G ; TAI XIANG Y

Inventor(s): ROBERT F EATON

Agent(s): SMART AND BIGGAR; MURGITROYD AND CO; HAYES ADRIAN CHETWYND; BOULT WADE TENNANT; WHYTE HIRSCHBOECK DUDEK SC; LIU SHEN AND ASSOCIATES

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
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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 TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

4) Family number: 44866459 (US2011180300A)

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Title: FLAME RETARDANT THERMOPLASTIC ELASTOMERS

Abstract: A thermoplastic elastomer (TPE) is disclosed which is flame retardant and essentially halogen-free. The TPE is a copolyester (COPE). Two essentially halogen-free flame retardants (HFFRs) are used: organo-phosphinates and melamine polyphosphate. The compound is useful for wire and cable insulation.

Classifications:

International (IPC 8-9): B32B27/36 C08K5/00 C08K5/3492 C08K5/51 C08K5/5313 C08K5/5353 C08L67/00 H01B3/44 H01B7/295 (Advanced/Invention);

B32B27/36 C08K5/00 C08L67/00 (Core/Invention)

CPC: C08K5/0066 C08L67/025 C08K5/34928 C08K5/521 C08K5/5313 H01B3/28 H01B3/421 H01B7/295

European: C08K5/3492S C08K5/521 C08K5/5313 C08L67/02B M08K5/00P8 M08K5/3492S M08K5/521 M08K5/5313

US: 174/110PM 524/127 524/127S

Family:

Publication number	Publication date	Application number	Application date
■ CN102165001 A	20110824	CN200980139371	20090925
■ EP2334731 A2	20110622	EP20090818315	20090925
■ EP2334731 A4	20130522	EP20090818315	20090925
■ IN01878DN2011 A	20111216	IN2011DN01878	20110314
■ US2011180300 AA	20110728	US20090121242	20090925
■ WO10039616 A2	20100408	WO2009US58440	20090925
■ WO10039616 A3	20100701	WO2009US58440	20090925

Priority:

US20080101512P 20080930 US20090121242 20090925 WO2009US58440 20090925

Probable Assignee: POLYONE CORP

Assignee(s): (std): GU JIREN ; POLYONE CORP ; VENKATASWAMY KRISHNA

Assignee(s): WELLS FARGO CAPITAL FINANCE LLC ; BANK OF AMERICA NA ; BANK OF NEW YORK MELLON TRUST CO NA

Inventor(s): (std): GU JIREN ; JIREN GU ; KRISHNA VENKATASWAMY ; VENKATASWAMY KRISHNA ; VENIKATASWANY KRISHNA

Agent(s): WINTER BRANDL FUERNISS HUEBNER ROESS KAISER POLTE PARTNERSCHAFT; HORNICKEL JOHN H ET AL

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 TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

5) Family number: 28514607 (US6555605B)

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Title: Flame-retardant composition for polymer compounds

Abstract: Additive composition for polymer compounds containing magnesium hydroxide, calcium carbonate at least a phosphorus compound and at least a nitrogen compound, capable of conferring flame-retardant properties to the polymer compounds to which it is added, maintaining the mechanical properties of said compound within limits acceptable for the use of the end product.

Classifications:

International (IPC 8-9): C08K13/02 C08K3/22 C08K3/26 C08K5/00 H01B3/30 (Advanced/Invention);

C08K13/00 C08K3/00 C08K5/00 H01B3/30 (Core/Invention)

International (IPC 1-7): C08K11/00 C08K13/02 C08K3/22 C08K3/26 C08K3/28 C08K3/32 C08K5/00 C08K5/51 C09K21/04 H01B3/30 H01B7/00 H01B7/18 H01B7/28

CPC: C08K3/22 C08K3/26 C08K5/0066 C08K13/02

European: C08K13/02 C08K3/22 C08K3/26 C08K5/00P8

US: 174/110 174/121A 524/100 524/126 524/127 524/145 524/425 524/427 524/436

Family:

Publication number	Publication date	Application number	Application date
■ AR008639 AA	20000209	AR1997P104337	19970922
■ AT209667 E	20011215	AT19970115331T	19970904
■ AU199737496 A1	19980326	AU19970037496	19970910
■ AU738221 B2	20010913	AU19970037496	19970910
■ BRPI9704780 A	19981215	BR1997PI04780	19970922
■ CA2216206 AA	19980323	CA19972216206	19970922
■ CA2216206 C	20070213	CA19972216206	19970922
■ DE69708565 D1	20020110	DE19976008565	19970904
■ EP0831120 A1	19980325	EP19970115331	19970904
■ EP0831120 B1	20011128	EP19970115331	19970904
■ IT1284574 B1	19980521	IT1996MI01948	19960923
■ ITMI961948 A1	19980323	IT1996MI01948	19960923
■ NZ328722 A	19990225	NZ19970328722	19970911
■ US6555605 BA	20030429	US19970934890	19970922

Priority:

Probable Assignee: PRYSMIAN CAVI E SISTEMI ENERGIA SRL**Assignee(s):** (std): PIRELLI CAVI S P A ORA PIRELLI ; PIRELLI CAVI E SISTEMI SPA ; PIRELLI CAVI E SISTEMI S P A ; PIRELLI CAVI S P A ORA PIRELLI CAVI E SISTEMI S P ; PIRELLI CAVI SPA ; PIRELLI CAVI SISTEMI S P A**Assignee(s):** PRYSMIAN (LUX) II SARL ; PRYSMIAN LUX II SARL ; PIRELLI CAVI S P A ORA PIRELLI CAVI E SISTEMI S P A ; PIRELLI CAVI ORA PIRELLI CAVI E SISTEMI SPA ; PIRELLI CAVI S P A ; PIRELLI CAVI E SISTEMI S P A MAILAND MILANO ; PRYSMIAN II SARL ; PRYSMIAN CAVI E SISTEMI ENERGIA SRL ; CASIRAGHI FLAVIO ; GSCP ATHENA (LUX) II SARL ; GSCP ATHENA II SARL ; GSCP ATHENA LUX II SARL ; PIRELLI AND C SPA**Inventor(s):** (std): CASIRAGHI FLAVIO ; FLAVIO CASIRAGHI**Agent(s):** DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; KIRBY EADES GALE BAKER**Designated states:** AT BE DE ES FR GB IT**6) Family number: 56548539 (WO14081096A1)**

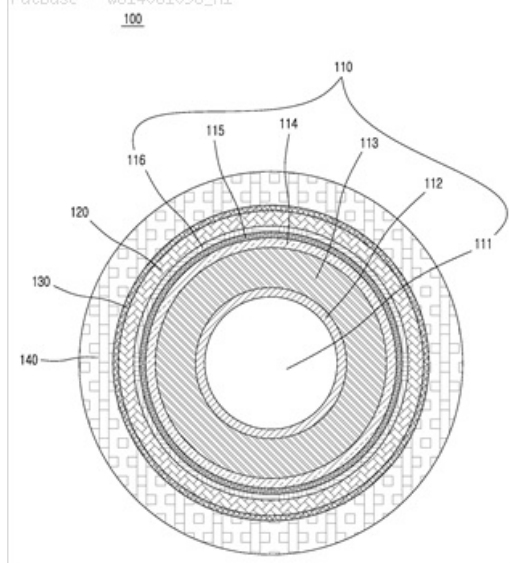
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Title: FIRE RESISTANT CABLE FOR MEDIUM OR HIGH VOLTAGE

Abstract: Disclosed is a fire resistant cable for high voltage. According to the fire resistant cable for high voltage of the present invention, both fire resistant performance and electrical features are satisfied. It is possible to prevent creation of curvatures and gaps, which are formed due to a small radius of curvature for winding a mica tape which forms a fire resistant layer, and partial discharge generated by the curvatures and gaps can be suppressed. Since the fire resistant layer is formed at a position having optimum electric field strength considering insulation thickness, withstand voltage, partial discharge and the like, convenience in installing the cable and electrical features of the cable can be improved.

Classifications:**International (IPC 8-9):** H01B7/29 H01B9/02 (Advanced/Invention)**CPC:** H01B7/29

PatBase - WO14081096_A1

**Family:**

Publication number	Publication date	Application number	Application date
KR20140065241 A	20140529	KR20120132527	20121121
WO14081096 A1	20140530	WO2013KR04770	20130530

Priority:

KR20120132527 20121121

Probable Assignee: LS CABLE AND SYSTEM LTD**Assignee(s):** (std): CHOI AH REUM ; JEONG SEUNG ; LS CABLE AND SYSTEM LTD ; SOHN SOON IL ; YANG HOON CHUL**Inventor(s):** (std): CHOI AH REUM ; JEONG SEUNG ; SOHN SOON IL ; YANG HOON CHUL**Agent(s):** KIM JOON HYUN 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 KZ LA LC 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 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: 34253869 (US2007049667A)

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Title: HIGH FLOW POLYESTER COMPOSITION

Abstract: A high flow polyester composition is disclosed, which comprises at least one polyester and at least one flow enhancing ingredient of structure, I, where, R_1 -NH₂ or CH₂OH; R_2 -CH₃, CH₃CH₂ or CH₂OH or any of C1-C20 alkyl group which may have one or more hydroxy group substituent, C3-C20 cycloalkyl group, C6-C20 aryl group, C1-C20 alkoxy group which may have one or more hydroxy group substituent or C6-C20 aryloxy group. A good balance of flowability and mechanical properties is obtained by controlling the amount of the said flow-enhancing ingredient. The composition further comprises reinforcing fillers, impact modifiers, a property-enhancing thermoplastic such as polycarbonate and flame retardant chemicals. The compositions are suitable for making automotive, electric and electronic parts.

Classifications:

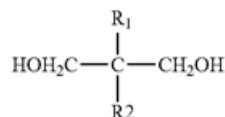
International (IPC 8-9): C08J5/00 C08K3/34 C08K5/053 C08K5/15 C08K5/17 C08K5/49 C08K5/52 C08K7/02 C08L101/00 C08L63/00 C08L67/00 C08L67/02 C08L9/00 (Advanced/Invention);

B32B27/38 (Advanced/Non-invention);
C08K3/00 C08K5/00 C08K7/00 C08L63/00
C08L67/00 (Core/Invention);
B32B27/38 (Core/Non-invention)
International (IPC 1-7): C08K5/053
CPC: C08K5/053

European: C08K5/053

US: 524/114 524/127 524/244 524/245 524/247 524/248 524/249
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524/387 524/388 524/445 524/445S 524/449 524/449S 524/494 524/494S 524/502 524/502S 525/438 525/438P

PatBase - US2007049667_AA



Family:

Publication number	Publication date	Application number	Application date
AT430778 E	20090515	AT20060789648T	20060810
AT515531 E	20110715	AT20060154722T	20060810
CN101175804 A	20080507	CN200680016608	20060810
CN101175804 B	20130619	CN200680016608	20060810
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DE602006023000 D1	20110901	DE200660023000T	20060810
DE602006043548 D1	20141211	DE200660043548T	20060810
EP1963416 A1	20080903	EP20060789648	20060810
EP1963416 B1	20090506	EP20060789648	20060810
EP2088168 A1	20090812	EP20090154722	20060810
EP2088168 B1	20110706	EP20090154722	20060810
EP2287243 A1	20110223	EP20100190933	20060810
EP2287243 B1	20141029	EP20100190933	20060810
IN05781DN2007 A	20070817	IN2007DN05781	20070725
JP2009506191 T2	20090212	JP20080529063T	20060810
JP4829304 B2	20111207	JP20080529063T	20060810
US2007049667 AA	20070301	US20050216792	20050831
US2007049701 AA	20070301	US20060581245	20061016
US2007049702 AA	20070301	US20060581730	20061016
US7405249 BB	20080729	US20060581245	20061016
US7405250 BB	20080729	US20060581730	20061016
US7825176 BB	20101102	US20050216792	20050831
WO07027390 A1	20070308	WO2006US31119	20060810

Priority:

US20050216792 20050831 EP20060789648 20060810 EP20090154722 20060810
EP20100190933 20060810 WO2006US31119 20060810 US20060581245 20061016
US20060581730 20061016

Probable Assignee: SABIC GLOBAL TECHNOLOGIES IP BV

Assignee(s): (std): JUIKAR VISHVAJIT CHANDRAKANT ; KANNAN GANESH ; KARANAM SREEPADARAJ ; MISHRA SANJAY BRAJ ; KIM SUNG DUG ; KRISHNASWAMI SRINIVASAN ; KIM SUNG D ; SABIC INNOVATIVE PLASTICS IP ; GEN ELECTRIC

Assignee(s): GENERAL ELECTRIC CO ; GENERAL ELECTRIC CO A NEW YORK CORP ; CITIBANK NA ; CITIBANK NA COLLATERAL AGENT AS ; SABIC GLOBAL TECHNOLOGIES BV ; SABIC GLOBAL TECHNOLOGIES IP BV ; SABIC INNOVATIVE PLASTICS IP BV

Inventor(s): (std): JUIKAR VISHVAJIT ; JUIKAR VISHVAJIT CHANDRAKANT ; KARANAM SREEPADARAJ ; KIM SUNG ; KIM SUNG DUG ; SRINIVASAN KRISHNASWAMI ; SREEPADARAJ KARANAM ; GANESH KANNAN ; DUG KIM SUNG ; CHANDRAKANT JUIKAR VISHVAJIT ; BRAJ MISHRA SANJAY ; MISHRA SANJAY B ; KIM SUNG D ; JUIKAR VISHVAJIT C ; KANNAN GANESH ; KRISHNASWAMI SRINIVASAN ; MISHRA SANJAY ; MISHRA SANJAY BRAJ

Inventor(s): MISHRA SANJAY BRAJ EVANSVILLE ; KRISHNASWAMI SRINIVASAN 56007 ; KANNAN GANESH EVANSVILLE ; KIM SUNG DUG NEWBURGH ; JUIKAR VISHVAJIT CHANDRAKANT 560066 ; JULKAR VISHVAJIT CHANDRAKANT

Agent(s): SCHIEBER FARAGO ; MUELLER FRANK PETER ET AL ; MUELLER FRANK PETER ; SCHINKEL RETA ; MUELLER SCHUPFNER AND PARTNER PATENT U RECHTSANWALTSPARTNERSCHAFT MBB ; GEAM - O8CV - CPP, IP LEGAL ; GEAM O8CV CPP IP LEGAL ; CANTOR COLBURN LLP ; DIDERICO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR 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 MG MK ML MN MR MW MX 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 SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

8) Family number: 1482172 (GB2044777A)

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Title: Flame-retarded polymer compositions

Abstract: Flame retarded polymeric compositions comprise a vinyl ester copolymer at least some of the ester groupings of the copolymer containing at least 3 carbon atoms. Preferred flame-retarding additives are inorganic materials such as hydrated alumina and zinc borate. The compositions exhibit low flammability whilst permitting a notable balance of physical properties.

Classifications:

International (IPC 8-9): C08K3/22 C08L1/00 C08L101/00 C08L21/00 C08L23/00 C08L27/00 C08L31/00 C08L31/02 C08L31/04 C08L33/00 C08L33/02 C08L67/00 C08L7/00 H01B3/44 (Advanced/Invention);
C08K3/00 C08L1/00 C08L101/00 C08L21/00 C08L23/00 C08L27/00 C08L31/00 C08L33/00 C08L67/00 C08L7/00 H01B3/44 (Core/Invention)

International (IPC 1-7): C08F218/10 C08J C08K3/20 C08K3/22 C08K3/34 C08K5/49 C08L23/04 C08L23/16 C08L31/00 C08L31/02 C08L31/04 C08L33/00 C08L67/06 C09K3/28 H01B3/18 H01B3/42 H01B3/44

CPC: C08K3/22 H01B3/448

European: C08K3/22 H01B3/44G

**SUBSTITUTE
REPLACEMENT**

SECTION is not Present

Cette Section est Absente

Family:

Publication number	Publication date	Application number	Application date
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Priority:

GB19790007259 19790301 CA19800346681 19800229

Probable Assignee: RAYCHEM LTD

Assignee(s): (std): RAYCHEM LTD

Assignee(s): RAYCHEN LIMITED ; RAYCHEN LTD ; PENNECK RICHARD J ; RAYCHEM LIMITED ; RAYCHEM LIMITED TE LONDEN

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Inventor(s): R J PENNECK

Agent(s): FETHERSTONHAUGH AND CO

9) Family number: 14415133 (WO9318526A1)

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Title: DUAL WALL INSULATION AND JACKETING

Abstract: A conductor is coated with: (a) a first polymeric layer surrounding the conductor and comprising a stabilized composition comprising a poly(alkylene terephthalate) and a polylactone; and (b) a second polymeric layer surrounding the first polymeric layer and comprising a composition comprising: (i) a polyester in which at least 70 mole percent of the repeating units are tetramethylene terephthalate units and which has a solubility parameter S; (ii) 10 to 100 percent by weight, based on the weight of the polyester (i), of a second polymer which (a) has a flex modulus of 500 to 100,000 psi, and (b) has solubility parameter of (S+1.5) to (S-1.5).

Classifications:

International (IPC 8-9): C08L67/02 H01B3/42 H01B7/28 H01B7/29 (Advanced/Invention); C08L67/00 H01B3/42 H01B7/17 (Core/Invention)

International (IPC 1-7): H01B3/42

CPC: Y02A30/14 H01B7/29 C08L67/02 H01B3/422 H01B7/28

European: C08L67/02 H01B3/42B2 H01B7/28 H01B7/29

Family:

Publication number	Publication date	Application number	Application date
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Priority:

US19920846658 19920306

Probable Assignee: RAYCHEM CORP

Assignee(s): (std): RAYCHEM CORP

Inventor(s): (std): PEART KEVIN R ; YEUNG ALAN S

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

10) Family number: 12491341 (US5413828A)

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Title: PLASTIC ARTICLE HAVING FLAME RETARDANT PROPERTIES

Abstract: New plastic articles are disclosed and claimed having flame retardant properties which contain a core of a plastic polymeric material (thermoplastic, thermoset, rigid foam or semi-flexible foam polymeric material) which is coated with a protective, flame retardant layer comprising a mixture of a thermoplastic polymeric material and a flame retardant, char-forming, intumescent system. The new articles are suitable for the manufacture of e.g. rods, beams, pipes, hoses, non-tubular profiles and panels which are useful in various industries such as the building, automotive and mining industries.

Classifications:

International (IPC 8-9): B32B27/08 B32B27/18 B32B27/32 B32B5/18 B32B7/02 C09D5/18 C09K21/12 (Advanced/Invention); B32B27/08 B32B27/32 B32B5/18 B32B7/02 (Advanced/Non-invention); B32B27/18 C09D5/18 C09K21/00 (Core/Invention)

International (IPC 1-7): B05D3/12 B27N9/00 B29D22/00 B32B1/04 B32B27/00 B32B27/06 B32B27/08 B32B27/18 B32B27/32 B32B3/26 B32B5/18 B32B7/02 C08J7/04 C08K C09K21/00 C09K21/04 C09K21/12 E04B F16L

CPC: Y10S428/913 Y10S428/92 Y10S428/921 Y10T428/1345 Y10T428/1352 Y10T428/1376 Y10T428/1393 Y10T428/23 Y10T428/233 Y10T428/239 Y10T428/24953 Y10T428/24954 Y10T428/24991 Y10T428/24992 Y10T428/31938 B32B1/08 B32B5/18 B32B27/065 B32B27/08 B32B27/32 B32B2307/3065 B32B2307/718 B32B2323/043 B32B2323/046 B32B2597/00 C09K21/12 C09D5/185 B32B27/18

European: B32B27/18 C09D5/18B C09K21/12

US: 252/606 252/609 427/358 427/393.5 428/304.4 428/305.5 428/319.3 428/319.7 428/35.5 428/35.7 428/36.5 428/36.91 428/523 428/68 428/71 428/76 428/913 428/920 428/921 523/179 523/206 524/100 524/101 524/140 524/416

Family:

Publication number	Publication date	Application number	Application date
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Priority:

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CA19922082303 19921106 US19940311242 19940923 US19940311243 19940923

Probable Assignee: FERRO CORP

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Assignee(s): NATIONAL CITY BANK AS COLLATERAL AGENT ; SOLUTIA SYSTEMS INC ; NATIONAL CITY BANK COLLATERAL AGENT AS ; SOLUTIA EUROPE NV SA ; ABLECO FINANCE LLC ; CPFILMS INC ; DE KEYSER FRANCOIS ; FERRO CORP ; JP MORGAN TRUST CO ; JP MORGAN TRUST CO NATIONAL ASSOCIATION TRUSTEE AS ; NATIONAL CITY BANK AS ADMINISTRATIVE AGENT ; MONSANTO EUROPE S A N V ; MONSANTO COMPANY ; MONSANTO EUROPE S A ; MONCHEM INC ; MONCHEM INT ; MONCHEM INT INC ; NATIONAL CITY BANK ADMINISTRATIVE AGENT AS ; MONSANTO EUROPE NV SA

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Agent(s): E F WELLINGTON AND CO; FETHERSTONHAUGH AND CO

Designated states: AT BE CH DE DK ES FR GB IE IT LI LU NL PT SE