

Search history

Search FT=(structural and construction and element* and fibre and polymer and resin) and INV=(pepelyaeva anna) (Results 1)
1:

Search [SP]: composition for structural construction elements and production method composition pour elements structuraux de construction et son
2: procede d'elaboration composicion de elementos estructurales de construccion y metodo de elaboracion the present invention relates to a composition for structural construction elements that are essentially characterised by a selection of fibre-reinforced polymer (frp) compounds. the composition comprises a fibre and a binding polymer resin having an anti-static composition, combined with silicon dioxide (sio2) as a starting component, treated with a highly compatible curing agent, and provided with an anti-static retardant binder to form a thermostable composition.l'invention a pour objet une composition d'elements structuraux de construction caracterisee principalement par une selection de composes polymeres renforces par des fibres (frp selon leur acronyme en langue anglaise), comprenant une fibre et une resine liante polymere presentant une composition antistatique, combinee a de l'oxyde de silicium (sio2) comme constituant de depart, traite avec un agent de durcissement hautement compatible, et additionne d'un liant ignifuge antistatique, pour former une composition thermostable.el desarrollo de la presente invencion esta enfocado en una composicion de elementos estructurales de construccion, caracterizados esencialmente por una seleccion de compuestos polimericos con refuerzo de fibra (frp por sus siglas en ingles) que compone una fibra y una resina polimerica aglutinante de composicion antiestatica, combinada con oxido de silicio (sio2) como componente inicial tratado con un agente de curado altamente compatible, provista de un aglutinante retardante antiestatico para formar una composicion termoestable. (Results 0)

Search fn=(65836377:90 or 66905703:40 or 65375775:40 or 64889619:40 or 64272601:40 or 64049843:40 or 62884603:40 or 62570084:40 or 61272744:40 or 56728577:40 or 56391955:40 or 56035945:40 or 52605892:40 or 52321357:40 or 51892580:40 or 49960728:40 or 42082876:40 or 33991177:40 or 33279364:40 or 30754770:40 or 30118379:40 or 29481437:40 or 28669775:40 or 17044522:40 or 15170355:40 or 6089891:40 or 3112098:40 or 1190921:40 or 70021512:30 or 69829773:30 or 69663616:30 or 69490168:30 or 69333118:30 or 69326757:30 or 69277793:30 or 69277601:30 or 69073656:30 or 68965013:30 or 68939299:30 or 68814743:30 or 68717416:30 or 68689430:30 or 68588497:30 or 68506258:30 or 68505979:30 or 68120814:30 or 68083121:30 or 67983299:30 or 67933894:30 or 67918902:30 or 67754268:30 or 67736228:30 or 67662540:30 or 67650812:30 or 67563340:30 or 67491057:30 or 67435503:30 or 67374452:30 or 67243494:30 or 67145364:30 or 66408891:30 or 66408863:30 or 66293671:30 or 66216407:30 or 66213676:30 or 66203023:30 or 66109110:30 or 65977598:30 or 65692108:30 or 64831751:30 or 64548594:30 or 64498899:30 or 64460167:30 or 64460165:30 or 64062617:30 or 63723034:30 or 63722559:30 or 63676177:30 or 63620970:30 or 63564418:30 or 63118368:30 or 62831384:30 or 62829486:30 or 62737739:30 or 62659394:30 or 62659363:30 or 62487099:30 or 62474677:30 or 62471443:30 or 62192774:30 or 62067076:30 or 62066006:30 or 62065576:30 or 62065575:30 or 62065348:30 or 61913921:30 or 61850388:30 or 61842394:30 or 61649812:30 or 61607657:30) (Results 100)

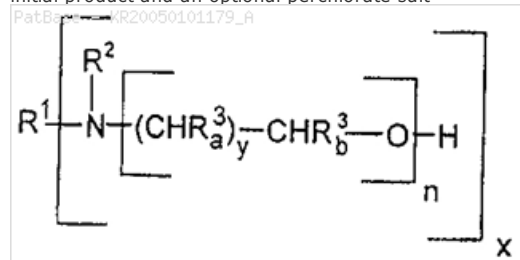
Search 3 and epoxi (Results 2)
4:

1) Family number: 30754770 (US2006052497A)

Title: STABILIZER SYSTEM FOR STABILIZING PVC

Abstract:

Source: US2006052497A Disclosed are stabilizer mixtures comprising at least a) one alkanolamine or one reaction product of a monofunctional or polyfunctional epoxide and ammonia or a monofunctional or polyfunctional dialkyl(aryl)amine or monoalkyl(aryl)amine, and b) one uracil or one initial product and an optional perchlorate salt



International class (IPC 8-9): C08K13/02 C08K3/24 C08K3/34 C08K5/00 C08K5/098 C08K5/16 C08K5/17 C08K5/21 C08K5/315 C08K5/32 C08K5/34 C08K5/3462 C08K5/524 C08L27/04 C08L27/06 (Advanced/Invention);
C08K3/24 C08K5/17 C08K5/3462 C08L27/04 C08L63/00 (Advanced/Non-invention);
C08K13/00 C08K3/00 C08K5/00 C08L27/00 (Core/Invention);
C08K3/00 C08L63/00 (Core/Non-invention)

International class (IPC 1-7): C08K13/02 C08K5/00 C08K5/17 C08K5/315 C08K5/3462 C08L27/04 C08L27/06

CPC: C08K3/24 C08K5/16

European class: C08K5/16 M08K3/24

US class: 524/100 524/211 524/211S 524/236 524/450 524/450S 524/567 524/567S

Family:

Publication number	Pub. date	Application number	App. date
AT376570 E	20071115	AT20030767826T	20031220
AU2003292262 AA	20040813	AU20030292262	20031220
AU2003292262 BB	20090402	AU20030292262	20031220
BRPI0317050 A	20051025	BR2003PI17050	20031220
BRPI0317050 B1	20131126	BR2003PI17050	20031220
CA2505345 AA	20050506	CA20032505345	20031220
CA2505345 C	20110628	CA20032505345	20031220
CN100532439 C	20090826	CN200380108844	20031220
CN1742046 A	20060301	CN200380108844	20031220
DE10301675 A1	20040729	DE20031001675	20030117
DE50308475 D1	20071206	DE20035008475	20031220
DK1583796 T3	20080218	DK20030767826T	20031220
EP1583796 A2	20051012	EP20030767826	20031220
EP1583796 B1	20071024	EP20030767826	20031220
ES2294332 T3	20080401	ES20030767826T	20031220
JP2006513298 T2	20060420	JP20040566802T	20031220
JP4711284 B2	20110629	JP20040566802T	20031220
KR101039285 B1	20110607	KR20057013139	20031220
KR20050101179 A	20051020	KR20057013139	20031220

MXPA05007586 A1	20060222	MX2005PA07586	20031220
PT1583796 T	20071108	PT20030767826T	20031220
US2006052497 AA	20060309	US20050542562	20050718
US7358286 BB	20080415	US20050542562	20050718
WO04065470 A2	20040805	WO2003EP14691	20031220
WO04065470 A3	20050224	WO2003EP14691	20031220

Priority: DE20031001675 20030117; DE20035008475 20031220; WO2003EP14691 20031220;

Cited documents: WO9424200, WO9325613, WO9320135, WO9213914, WO0248249 A2, WO02098964, WO0206389, WO02060884, WO0205206, WO02048249, US895966, US6211270 BA, US6194494 BA, US5925696, US4060512, US4000100, US3243394, US2598936, US2005925696 AA, US2005043451 AA, JP9125058 A2, JP9125058, JP61009451, JP59038250 A2, JP59038250, JP50091648 A2, JP50091648, JP2004527643 T2, JP2004527643, JP2000026681 A2, JP2000026681, JP2000026680 A2, JP2000026680, JP10158454 A2, JP10158454, EP99105418, EP1046668 A2, EP0768336, EP0761756, EP0457471, EP0394547, EP0259783, EP0108023, EP0065934, EP0062813, EP0041479, DE4425275, DE4106411, DE4031818, DE3941902, DE3843581, DE3004660, DE2424763, DE19927979, DE19927978, DE19927977, DE19756913, DE19741778, DE1694873, DE10124734 A1, DE10118179 A1,

Assignee(s): (std): CHEMTURA VINYL ADDITIVES GMBH ; CROMPTON VINYL ADDITIVES GMBH ; FRIEDRICH HANS HELMUT ; HOPFMANN THOMAS ; KUHN KARL JOSEF ; WEHNER WOLFGANG

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Inventor(s): (std): FRIEDRICH HANS HELMUT ; HANS HELMUT FRIEDRICH ; HOPFMANN THOMAS ; KARL JOSEF KUHN ; KUHN KARL JOSEF ; THOMAS HOPFMANN ; WEHNER WOLFGANG ; WOLFGANG HOPFMANN THOMAS FRIED ; WOLFGANG WEHNER

Inventor(s): HOPFMANN THOMAS FRIEDRICH HANS HELMUT KUHN ; HOPFMANN THOMAS FRIEDRICH HANS HELMUT KUHN KARL JO

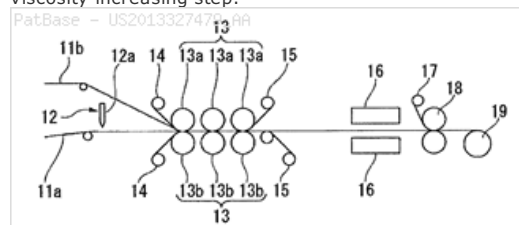
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

2) Family number: 51892580 (US2013327479A)

Title: MATRIX RESIN COMPOSITION, PREPREG AND METHOD FOR PRODUCING THE SAME, AND FIBER-REINFORCED COMPOSITE MATERIAL

Abstract:

Source: US2013327479A The present invention relates to a method for producing a prepreg which contains reinforcing fibers and a matrix resin composition with the weight per square meter of the reinforcing fibers being 250-2,000 grams per square metre. The production method comprises the following steps (1)-(3): (1) a matrix resin composition blending step for obtaining a matrix resin composition by mixing an epoxy resin, a radically polymerizable unsaturated compound, an epoxy resin curing agent and a polymerization initiator that generates radicals, in said step the content of the radically polymerizable unsaturated compound relative to 100 percent by mass of the total of the epoxy resin and the radically polymerizable unsaturated compound being 10-25 percent by mass; (2) a matrix resin composition impregnating step; and (3) a surface viscosity increasing step.



International class (IPC s-9): B29B11/16 B29C70/50 B32B5/28 C08G59/17 C08G59/40 C08J5/04 C08J5/24 C08K5/00 C08K5/16 C08K5/31

C08L63/00 C08L63/10 (Advanced/Invention);

C08K5/00 (Advanced/Non-invention)

CPC: C08L63/10 C08J5/046 C08K5/16 C08K5/31 C08L63/00 B32B2305/076 C08G59/1466 C08G59/4021 C08J5/24 C08J2363/00 C08J2363/10 C08K5/0025 Y10T428/27

European class: C08J5/24 M08J363/00

US class: 156/307.3 427/256 427/487 427/504 427/510 428/340 525/524

Family:

Publication number	Pub. date	Application number	App. date
BR112013022040 A2	20161129	BR20131122040	20120302
CN103429658 A	20131204	CN201280011386	20120302
CN103429658 B	20160106	CN201280011386	20120302
EP2682429 A1	20140108	EP20120751861	20120302
EP2682429 A4	20140820	EP20120751861	20120302
IN06952CN2013 A	20160831	IN2013CN06952	20130828
JP2012118208 A1	20140707	JP20120515042T	20120302
JP5985391 B1	20160906	JP20120515042T	20120302
KR101775756 B1	20170906	KR20137022614	20120302
KR101823740 B1	20180130	KR20157021032	20120302
KR101823741 B1	20180130	KR20157021034	20120302
KR20130129268 A	20131127	KR20137022614	20120302
KR20150095947 A	20150821	KR20157021032	20120302
KR20150095948 A	20150821	KR20157021034	20120302
TW201245300 A	20121116	TW20120107026	20120302
TWI458766 B	20141101	TW20120107026	20120302
US2013327479 AA	20131212	US20120001391	20120302
US9481789 BB	20161101	US20120001391	20120302
WO12118208 A1	20120907	WO2012JP55473	20120302

Priority: JP20110046576 20110303; JP20120010429 20120120; WO2012JP55473 20120302;

Cited documents: WO12118208 A1, WO12010293 A1, WO11117643 A1, WO09115832 A1, WO08059603 A1, WO07038673 A1, WO0206027 A1, US5396932 A, US5387301 A, US5104718 A, US4372800 A, US2596162 A, US2009246468 AA, TW332235 B, JP552100574, JP93158, JP9208838 A2, JP9208838, JP9100360 A2, JP903158, JP9003158 A2, JP8267664 A2, JP7324119 A2, JP7227840 A2, JP7068542 A2, JP64056741 A2, JP58019332 A2, JP58008732 A2, JP52100574 A2, JP4244834 A2, JP2227212 A2, JP2011515531 T2, JP2010215800 A2, JP2010156081 A2, JP2010156081, JP2009108217 A2, JP2009108217, JP2004292604, JP2003105109 A2, JP2003105109, JP2002327076 A2, JP2002105223 A2, JP1143547, JP11171974 A2, JP11171974, JP11043547 A2, JP11043547, GB1570991 A, EP2682429 A1,

Assignee(s): (std): ICHINO MASAHIRO ; KANEKO MANABU ; KOGA KAZUKI ; MITANI KAZUTAMI ; TERANISHI TAKUYA ; SAMEJIMA TADAO ; MIURA TEPPEI ; NUMATA KIHARU ; MITSUBISHI RAYON CO

Assignee(s): MITSUBISHI RAYON CO LTD ; MITSUBISHI CHEMICAL CORP

Inventor(s): (std): ICHINO MASAHIRO ; KANEKO MANABU ; MITANI KAZUTAMI ; MIURA TEPPEI ; NUMATA KIHARU ; SAMEJIMA TADAO ; KOGA KAZUKI ; TERANISHI TAKUYA

Inventor(s): MANABU KANEKO ; MASAHIRO ICHINO ; TADAO SAMEJIMA ; TAKUYA TERANISHI ; TEPPEI MIURA ; KAZUKI KOGA ; KAZUTAMI MITANI ; KIHARU NUMATA

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

3) Family number: 56391955 (US2015240068A)

Title: CURABLE EPOXY RESIN COMPOSITION

Abstract:

Source: US2015240068A A curing agent composition for an epoxy compound including (a) at least one phenalkamine, and (b) at least one isocyanate; a curable composition including (I) at least one epoxy compound, (II) at least one phenalkamine, and (III) at least one isocyanate; and a thermoset prepared from the above curable composition.

International class (IPC 8-9): C08G59/56 C08K5/16 C08L63/00 C09D163/00 (Advanced/Invention)

CPC: C08G18/58 C08G59/4028 C08G59/5033 C09D175/04 C08L63/00 C08K5/16 C09D163/00

US class: 252/182.18 252/182.2 523/400 525/523

Family:

Publication number	Pub. date	Application number	App. date
BR112015009489 A2	20170704	BR20151109489	20121031
CN104736634 A	20150624	CN201280076422	20121031
EP2914661 A1	20150909	EP20120887546	20121031
EP2914661 A4	20160608	EP20120887546	20121031
JP2015532937 T2	20151116	JP20150538241T	20121031
MX2015003495 A1	20150604	MX20150003495	20121031
US2015240068 AA	20150827	US20120422601	20121031
WO14067096 A1	20140508	WO2012CN83844	20121031

Priority: WO2012CN083844 20121031;

Cited documents: US4260697 A, US2009259003 AA, US2009232994 AA, US2002066225 AA, JP7233242 A2, JP7196981 A2, JP62195013 A2, JP52069438 A2, JP51119099 A2, JP2011516662 T2, JP2002519480 T2, CN1374292 A, CN102604513 A, CN102408860 A, CN101560077 A, CN101333286 A,

Assignee(s): (std): DOW CHEMICAL CO ; DOW GLOBAL TECHNOLOGIES LLC ; YAN LEI ; ZHANG YI ; ZHOU WEI ; DOW GLOBAL TECHNOLOGIES INC ; BLUE CUBE IP LLC ; DOW CHEMICAL CHINA INVEST CO LTD

Assignee(s): DOW CHEMICAL CHINA INVESTMENT CO LTD

Inventor(s): (std): LEI YAN ; WEI ZHOU ; YAN LEI ; YAN ZHAOHUI ; YI ZHANG ; ZHANG YI ; ZHOU WEI

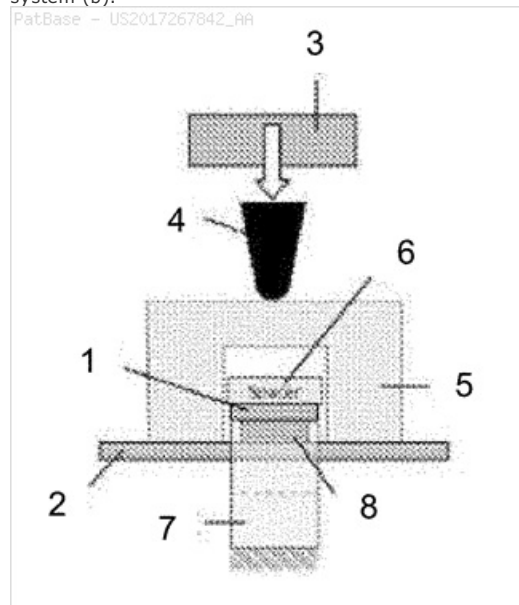
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW 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

4) Family number: 62659394 (US2017267842A)

Title: DAMPING-IMPARTING COMPOSITION HAVING HIGH IMPACT DURABILITY AT LOW TEMPERATURE

Abstract:

Source: US2017267842A The present invention relates to a thermally curable composition comprising: (a1) a solid rubber in an amount of 2.5 percent by mass or more, (a2) an olefinic double bond-containing polymer which is liquid or pasty at 22 degrees centigrade in an amount of less than 5 percent by mass, (a3) a hydrocarbon resin in an amount of, in total with said component (a2), 5 percent by mass or more and 20 percent by mass or less, and (a4) a liquid polydiene in an amount of 15 percent by mass or more based on the total mass of the composition as a component (a); and at least one selected from the group consisting of the following (b1) to (b3): (b1) sulfur and one or more accelerator(s), (b2) peroxidic vulcanization system or disulfidic vulcanization system, and (b3) quinones, quinone dioximes or dinitrosobenzene, as a vulcanization system (b).



International class (IPC 8-9): C08J9/00 C08J9/10 C08K3/06 C08K5/00 C08K5/08 C08K5/14 C08K5/16 C08K5/33 C08K5/372 C08L21/00 C08L45/00 C08L47/00 C08L9/00 C09K3/00 F16F15/02 G10K11/16 G10K11/162 (Advanced/Invention)

CPC: C08K5/00 C08L21/00 C08L45/00 C08L47/00 C09K3/00 G10K11/16 C08K5/0025 C08K5/08 C08K5/14 C08K5/16 C08K5/33 C08K5/372 C08J9/103 C08J9/106 C08J9/0061 C08L2205/035 C08L2203/14 C08J2309/00 C08J2465/00 C08J2409/06 C08J2409/00 C08J2203/18 C08J2203/04 C08L9/00 C08K3/06 G10K11/162

Family:

Publication number	Pub. date	Application number	App. date
BR112017012306 A2	20180502	BR20171112306	20151211
CA2970454 AA	20170609	CA20152970454	20151211
CN107108973 A	20170829	CN201580073167	20151211
EP3231839 A1	20171018	EP20150866855	20151211
IN201747020100 A	20170616	IN201747020100	20170608
JP2016113524 A2	20160623	JP20140252439	20141212
KR20170097029 A	20170825	KR20177015820	20151211
MX2017007555 A1	20171031	MX20170007555	20151211
US2017267842 AA	20170921	US20170617775	20170608
WO16093339 A1	20160616	WO2015JP84766	20151211

Priority: JP20140252439 20141212; WO2015JP84766 20151211;

Cited documents: JP5140385 A2, JP2013502471 T2, JP2012529545 T2, JP2009532537 T2, JP2009531480 T2, JP2008528713 T2, JP2004525999 T2, JP10509755 T2,

Assignee(s): (std): HENKEL AND CO KGAA AG ; HENKEL JAPAN LTD ; TOYOTA MOTOR CORP

Assignee(s): TSUKIMORI TAKAO ; TSUNO SHINGO ; OHKUBO MAKOTO ; TOYOTA JIDOSHA KK
Inventor(s): (std): CHIKUNO SHINGO ; MAKOTO OHKUBO ; OHKUBO MAKOTO ; OKUBO MAKOTO ; SHINGO TSUNO ; TAKAO TSUKIMORI ; TSUKIMORI TAKAO ; TSUNO SHINGO
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 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

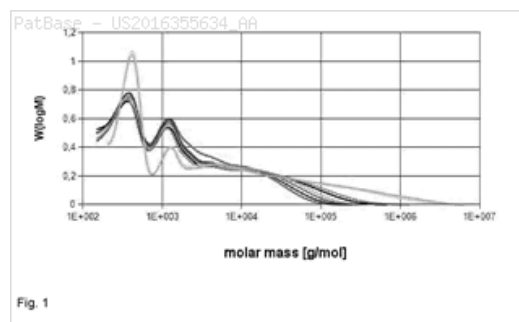
5) Family number: 64272601 (US2016355634A)

Title: PROCESSES FOR PRODUCING VISCOUS EPOXY SYRUPS AND EPOXY SYRUPS OBTAINABLE THEREBY

Abstract:

Source: US2016355634A A process for producing a viscous epoxy syrup from at least one liquid multifunctional epoxy, comprising the steps of:

- adding an initiator selected from the group consisting of electron-poor monoisocyanate, photoinitiator and thermal initiator to at least one liquid multifunctional epoxy;
- mixing the components;
- polymerizing the multifunctional epoxy such that the viscosity of the resulting epoxy syrup is at least twice as high, preferably at least four times as high and in particular at least ten times as high as the viscosity of the employed epoxy in the unreacted state makes it possible to produce epoxy adhesives having pressure-sensitive properties.



International class (IPC 8-9): C08G59/02 C08G59/22 C08G59/24 C08G59/32 C08G59/40 C08G59/68 C08J3/20 C08K5/16 C08L63/00 C09J11/06 C09J163/00 C09J175/04 C09J181/06 C09J7/00 C09J7/02 C09J9/00 H01B3/40 H01L23/29 H01L23/31 H01L51/00 H01L51/10 H01L51/44 H01L51/52 (Advanced/Invention);

H01L51/00 (Advanced/Non-invention);

C09J163/00 C09J7/00 (Core/Invention)

CPC: C08G59/022 C08G59/02 H01L51/0035 H01L51/107 C08G59/24 C08G59/226 C08G59/245 C08G59/32 C08G59/4028 C08K5/16 C08G2261/63 C08G59/68 C09J163/00 H01L25/046 H01L51/448 H01L51/5237 C09J7/20 C09J7/38

US class: 438/99

Family:

Publication number	Pub. date	Application number	App. date
CA2931499 AA	20161204	CA20162931499	20160530
CN106244067 A	20161221	CN201610391174	20160603
DE102015210346 A1	20161208	DE201510210346	20150604
EP3101047 A1	20161207	EP20160169349	20160512
JP2017002288 A2	20170105	JP20160111664	20160603
KR20160143534 A	20161214	KR20160067229	20160531
MX2016006899 A1	20161205	MX20160006899	20160526
TW201700554 A	20170101	TW20160115420	20160519
US2016355634 AA	20161208	US20160171037	20160602

Priority: DE201510210346 20150604; KR20160067229 20160531; JP20160111664 20160603;

Cited documents: WO9614349 A1, US5721289 A, US5242715 A, US4394403 A, US4256828 A, US4250053 A, US4231951 A, US4138255 A, US4058401 A, US3741769 A, US3729313 A, US2015079389 AA, US2010063221 AA, SG160949 A1, JP2003105109 A2, JP11021532, EP0542716 B1,

DE102014208111 A1

DE102012206273 A1

DE102005062441 A1

AU758128 B2,

Assignee(s): (std): TESA SE

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Title: COMPOSITION FOR STRUCTURAL CONSTRUCTION ELEMENTS AND PRODUCTION METHOD COMPOSITION POUR ELEMENTS STRUCTURAUX DE CONSTRUCTION ET SON PROCEDE D'ELABORATION COMPOSICION DE ELEMENTOS ESTRUCTURALES DE CONSTRUCCION Y METODO DE ELABORACION

Abstract:

Source: WO17089967A3 The present invention relates to a composition for structural construction elements that are essentially characterised by a selection of fibre-reinforced polymer (FRP) compounds. The composition comprises a fibre and a binding polymer resin having an anti-static composition, combined with silicon dioxide (SiO₂) as a starting component, treated with a highly compatible curing agent, and provided with an anti-static retardant binder to form a thermostable composition. L'invention a pour objet une composition d'elements structuraux de construction caracterisee principalement par une selection de composes polymeres renforces par des fibres (FRP selon leur acronyme en langue anglaise), comprenant une fibre et une resine liante polymere presentant une composition antistatique, combinee a de l'oxyde de silicium (SiO₂) comme constituant de depart, traite avec un agent de durcissement hautement compatible, et additionne d'un liant ignifuge antistatique, pour former une composition thermostable. El desarrollo de la presente invencion esta enfocado en una composicion de elementos estructurales de construccion, caracterizados esencialmente por una seleccion de compuestos polimericos con refuerzo de fibra (FRP por sus siglas en ingles) que compone una fibra y una resina polimerica aglutinante de composicion antiestatica, combinada con oxido de Silicio (SiO₂) como componente inicial; tratado con un agente de curado altamente compatible, provista de un aglutinante retardante antiestatico para formar una composicion termoeestable.

International class (IPC 8-9): B29C70/16 C04B24/00 C04B24/30 C04B26/16 C08K5/16 C08L63/00 E04C3/00 (Advanced/Invention)

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