

Title (en)

SIZING COMPOSITION FOR GLASS FIBRE GRANULES WITH A HIGH GLASS CONTENT

Title (de)

SCHLICHTEZUSAMMENSETZUNG FÜR GLASFASERGRANULAT MIT HOHEM GLASANTEIL

Title (fr)

COMPOSITION D'ENSIMAGE POUR GRANULES DE FILS DE VERRE A FORTE TENEUR EN VERRE

Publication

EP 1885809 A2 20080213 (FR)

Application

EP 06794392 A 20060502

Priority

- FR 2006050405 W 20060502
- FR 0551178 A 20050504

Abstract (en)

[origin: FR2885362A1] The sizing compound contains the following constituents in weight per cent: 10 - 99 per cent of at least one copolymer selected from ethylene vinyl acetate, acrylic and methacrylic acid copolymers; 1 to 40 per cent of at least one coupling agent; and 0 - 90 per cent of polypropylene grafted with a motif from at least one monomer having one or more functions that can react with the coupling agent. The copolymer has an ethylene content of at least 50 per cent and preferably 80 per cent by weight, and has a preferable melting point below 110 degrees C. The coupling agent is a silane and preferably an aminosilane, a siloxane, titanate, zirconate or a mixture of these.

IPC 8 full level

C09D 123/08 (2006.01); **C03C 25/26** (2018.01); **C03C 25/28** (2018.01); **C03C 25/285** (2018.01); **C03C 25/30** (2018.01); **C09D 151/06** (2006.01)

CPC (source: EP KR US)

C03C 13/00 (2013.01 - KR); **C03C 25/26** (2013.01 - EP US); **C03C 25/28** (2013.01 - EP US); **C03C 25/285** (2013.01 - EP US); **C03C 25/30** (2013.01 - EP US); **C08L 23/0846** (2013.01 - EP US); **C09D 151/06** (2013.01 - KR); **C08L 51/06** (2013.01 - EP US); **C08L 2312/08** (2013.01 - EP US); **Y10T 428/2933** (2015.01 - EP US); **Y10T 428/2938** (2015.01 - EP US)

Citation (search report)

See references of WO 2007000517A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2885362 A1 20061110; **FR 2885362 B1 20070608**; BR PI0610729 A2 20121030; CN 101171314 A 20080430; CN 101171314 B 20111214; EP 1885809 A2 20080213; JP 2008540306 A 20081120; KR 20080004573 A 20080109; TW 200710144 A 20070316; US 2008254290 A1 20081016; WO 2007000517 A2 20070104; WO 2007000517 A3 20070412; ZA 200709426 B 20081231

DOCDB simple family (application)

FR 0551178 A 20050504; BR PI0610729 A 20060502; CN 200680015086 A 20060502; EP 06794392 A 20060502; FR 2006050405 W 20060502; JP 2008509485 A 20060502; KR 20077025548 A 20071102; TW 95115605 A 20060502; US 91310906 A 20060502; ZA 200709426 A 20071101