

Title (en)  
LUBRICATED ELECTRICALLY CONDUCTIVE GLASS FIBERS

Title (de)  
GESHMIERTE ELEKTRISCH LEITFÄHIGE GLASFASERN

Title (fr)  
FILS DE VERRE ENSIMES ELECTRO-CONDUCTEURS.

Publication  
**EP 1812356 A1 20070801 (FR)**

Application  
**EP 05815518 A 20051021**

Priority  
• FR 2005050885 W 20051021  
• FR 0452398 A 20041021

Abstract (en)  
[origin: WO2006043011A1] The invention relates to glass fibers coated with a lubricating composition capable of conducting electrical current comprising: at least one film-forming agent; at least one compound selected among plasticizing agents, surface-active agents and dispersing agents, and; at least one agent for coupling glass and electrically conductive particles. The inventive glass fibers are particularly intended for producing electrically conductive parts by compression molding, said glass fibers being provided in the form of SMC or BMC.

IPC 8 full level  
**C03C 25/10** (2006.01); **C03C 25/26** (2018.01); **C03C 25/44** (2006.01); **C03C 25/47** (2018.01)

CPC (source: CN EP KR US)  
**C03C 25/10** (2013.01 - KR); **C03C 25/26** (2013.01 - CN EP US); **C03C 25/44** (2013.01 - CN EP KR US); **C03C 25/47** (2017.12 - CN EP US); **Y10T 428/249937** (2015.04 - EP US); **Y10T 428/292** (2015.01 - EP US); **Y10T 428/2938** (2015.01 - EP US); **Y10T 428/2962** (2015.01 - EP US); **Y10T 428/2964** (2015.01 - EP US)

Citation (search report)  
See references of WO 2006043011A1

Citation (examination)  
JP H0431343 A 19920203 - NITTO BOSEKI CO LTD

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 2877001 A1 20060428**; **FR 2877001 B1 20061215**; BR PI0517407 A 20081007; CA 2584491 A1 20060427; CA 2584491 C 20160315; CN 101084167 A 20071205; CN 104692675 A 20150610; EP 1812356 A1 20070801; JP 2008516887 A 20080522; JP 5336081 B2 20131106; KR 101247057 B1 20130326; KR 20070064374 A 20070620; MX 2007004711 A 20070615; RU 2007118661 A 20081127; RU 2403214 C2 20101110; US 2009239056 A1 20090924; WO 2006043011 A1 20060427

DOCDB simple family (application)  
**FR 0452398 A 20041021**; BR PI0517407 A 20051021; CA 2584491 A 20051021; CN 200580044133 A 20051021; CN 201510045479 A 20051021; EP 05815518 A 20051021; FR 2005050885 W 20051021; JP 2007537357 A 20051021; KR 20077011351 A 20051021; MX 2007004711 A 20051021; RU 2007118661 A 20051021; US 57777405 A 20051021