

Title (en)
Thermally stable fluoride composition

Title (de)
Fluorierte Zusammensetzung, die thermisch stabil ist

Title (fr)
Composition fluorée thermiquement stable

Publication
EP 1808867 A1 20070718 (FR)

Application
EP 06301243 A 20061212

Priority
FR 0650112 A 20060112

Abstract (en)
Extrudable thermally stable composition comprises a fluorinated polymer, titanium dioxide and other inorganic fillers to neutralize the acid formed during extrusion of the composition, where the fillers have an average particle size of less than 100 nm, preferably less than 60 nm. An independent claim is included for an electrical conductor coated with an insulating layer obtained from the composition.

Abstract (fr)
L'invention concerne une composition extrudable, thermiquement stable, comprenant un polymère fluoré et du dioxyde de titane, et en outre une charge inorganique, apte à neutraliser l'acide formé lors de l'étape d'extrusion de la composition, ayant une taille moyenne de particules inférieure à 100nm, et de préférence inférieure à 60nm.

IPC 8 full level
H01B 3/44 (2006.01); **C08K 3/22** (2006.01)

CPC (source: EP KR US)
H01B 3/10 (2013.01 - KR); **H01B 3/445** (2013.01 - EP US); **H01B 7/29** (2013.01 - EP US)

Citation (search report)

- [A] WO 0180253 A1 20011025 - DU PONT [US]
- [A] WO 2005073984 A1 20050811 - DU PONT [US], et al
- [X] EP 0905197 A1 19990331 - GEN ELECTRIC [US]

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1808867 A1 20070718; EP 1808867 B1 20110413; AT E505796 T1 20110415; CA 2573187 A1 20070712; CA 2573187 C 20140603; CN 101003654 A 20070725; DE 602006021272 D1 20110526; FR 2895990 A1 20070713; FR 2895990 B1 20080215; KR 20070075285 A 20070718; US 2007203281 A1 20070830

DOCDB simple family (application)
EP 06301243 A 20061212; AT 06301243 T 20061212; CA 2573187 A 20070105; CN 200710002189 A 20070112; DE 602006021272 T 20061212; FR 0650112 A 20060112; KR 20070001309 A 20070105; US 59400006 A 20061107