

Title (en)

FIBRES, TAPES OR FILAMENTS COMPRISING A POLYETHYLENE COMPOSITION

Title (de)

FASERN, BÄNDER ODER FÄDEN MIT EINER POLYETHYLENZUSAMMENSETZUNG

Title (fr)

FIBRE, BANDES OU FILAMENTS COMPORTANT UNE COMPOSITION DE POLYÉTHYLÈNE

Publication

EP 2129818 B1 20170621 (EN)

Application

EP 08734667 A 20080319

Priority

- EP 2008002189 W 20080319
- EP 07005907 A 20070322
- EP 08734667 A 20080319

Abstract (en)

[origin: EP1972704A1] The present invention is directed to fibres, tapes or filaments comprising a polyethylene composition obtainable by polymerization of ethylene using a single site catalyst, to the preparation process thereof, to the use of said polyethylene composition, as well as articles comprising said fibres, tapes or filaments.

IPC 8 full level

D01F 6/46 (2006.01); **D01D 5/42** (2006.01); **D01F 6/04** (2006.01); **D01F 6/30** (2006.01)

CPC (source: EP)

D01D 5/426 (2013.01); **D01F 6/04** (2013.01); **D01F 6/30** (2013.01); **D01F 6/46** (2013.01)

Citation (examination)

- US 6316549 B1 20011113 - CHUM PAK-WING STEVE [US], et al
- WO 2006113983 A1 20061102 - NOVA CHEM INT SA [CH], et al
- EP 2137344 B1 20110720 - BOREALIS TECH OY [FI]
- JP H11269811 A 19991005 - DIATEX KK

Citation (opposition)

Opponent : TOTAL RESEARCH & TECHNOLOGY FELUY,

- WO 2006066777 A1 20060629 - INNOVENE MFG BELGIUM NV [BE], et al
- EP 1672020 A1 20060621 - INNOVENE MFG BELGIUM NV [BE]
- WO 2007082817 A1 20070726 - BASELL POLYOLEFINE GMBH [DE], et al
- JP 2007016367 A 20070125 - HAGIHARA IND
- JP 2004238774 A 20040826 - JAPAN POLYPROPYLENE CORP
- EP 1469104 A1 20041020 - ATOFINA RES SA [BE]
- JP H11269811 A 19991005 - DIATEX KK
- ANONYMOUS: "Plastics - Methods for determining the density and relative density of non-cellular plastics", INTERNATIONAL STANDARDS (ISO 1183), 15 July 1987 (1987-07-15), pages 1 - 12, XP055477456

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1972704 A1 20080924; CN 101663425 A 20100303; CN 101663425 B 20130612; DK 2129818 T3 20170814; EP 2129818 A2 20091209; EP 2129818 B1 20170621; WO 2008113566 A2 20080925; WO 2008113566 A3 20090312

DOCDB simple family (application)

EP 07005907 A 20070322; CN 200880009307 A 20080319; DK 08734667 T 20080319; EP 08734667 A 20080319; EP 2008002189 W 20080319