

Title (en)

FLUORINATED POLYMER COMPOSITION

Title (de)

FLUORIERTE POLYMERZUSAMMENSETZUNG

Title (fr)

COMPOSITION POLYMERIQUE FLUOREE

Publication

EP 3328630 A1 20180606 (FR)

Application

EP 16760125 A 20160727

Priority

- FR 1557155 A 20150727
- FR 2016051943 W 20160727

Abstract (en)

[origin: WO2017017373A1] The present invention concerns a fluorinated polymer composition, methods for producing same, and products that can be produced from said composition. More particularly, the invention concerns a thermoplastic polymer composition comprising the following components A, B and C: A - a polyvinylidene fluoride (PVDF) homopolymer comprising a fraction of ultra high molecular weight chains (UHMCF); B - a vinylidene fluoride (VDF) elastomeric copolymer and at least one other fluorinated comonomer copolymerisable with VDF, and C - a VDF homopolymer having a lower viscosity than component A.

IPC 8 full level

B32B 1/08 (2006.01); **C08L 27/16** (2006.01); **F16L 11/08** (2006.01); **F16L 58/10** (2006.01); **H01B 3/44** (2006.01)

CPC (source: CN EP US)

C08J 3/005 (2013.01 - US); **C08L 27/16** (2013.01 - CN EP US); **C08L 27/20** (2013.01 - US); **F16L 11/04** (2013.01 - CN EP US);
C08L 2203/18 (2013.01 - CN US); **C08L 2205/025** (2013.01 - CN EP US); **C08L 2205/035** (2013.01 - CN EP US); **C08L 2207/04** (2013.01 - US)

Citation (search report)

See references of WO 2017017373A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017017373 A1 20170202; AU 2016299374 A1 20171123; AU 2016299374 B2 20200917; BR 112017023900 A2 20180717;
CN 107787348 A 20180309; CN 107787348 B 20210302; EP 3328630 A1 20180606; FR 3039559 A1 20170203; FR 3039559 B1 20190315;
JP 2018529783 A 20181011; US 10400097 B2 20190903; US 2018134886 A1 20180517

DOCDB simple family (application)

FR 2016051943 W 20160727; AU 2016299374 A 20160727; BR 112017023900 A 20160727; CN 201680036818 A 20160727;
EP 16760125 A 20160727; FR 1557155 A 20150727; JP 2017558024 A 20160727; US 201615574324 A 20160727