

Title (en)
THERMOPLASTIC COMPOSITION AND PREPREG, COMPOSITE MATERIAL MADE OF SAID PREPREG, AND USES OF SAID COMPOSITE MATERIAL

Title (de)
THERMOPLASTISCHE ZUSAMMENSETZUNG UND PREPREG, VERBUNDWERKSTOFF AUS DIESEM PREPREG UND VERWENDUNG DIESES VERBUNDWERKSTOFFES

Title (fr)
COMPOSITION ET PRE-IMPREGNE THERMOPLASTIQUES, MATERIAU COMPOSITE A BASE DUDIT PRE-IMPREGNE ET UTILISATIONS DUDIT MATERIAU COMPOSITE

Publication
EP 3268451 A1 20180117 (FR)

Application
EP 16713546 A 20160310

Priority
• FR 1551977 A 20150310
• FR 2016050545 W 20160310

Abstract (en)
[origin: WO2016142630A1] The present invention relates to the field of thermoplastic composite materials. Specifically, the invention relates to a fluorinated, flame-retardant thermoplastic composition, to the prepreg prepared from said composition, to the composite material containing said prepreg, to the methods enabling manufacture, and to the uses of said material. The invention also relates to the use of a thermoplastic prepreg for manufacturing fire-resistant composite materials.

IPC 8 full level
C09K 21/14 (2006.01)

CPC (source: CN EP RU US)
C08J 5/24 (2013.01 - RU); **C08K 3/04** (2013.01 - US); **C08K 3/36** (2013.01 - US); **C08K 3/38** (2013.01 - US); **C08K 3/40** (2013.01 - US); **C08K 5/0016** (2013.01 - US); **C08L 27/12** (2013.01 - US); **C08L 27/16** (2013.01 - RU); **C09K 21/14** (2013.01 - CN EP RU US); **C08K 3/016** (2017.12 - US); **C08L 2201/02** (2013.01 - US)

Citation (search report)
See references of WO 2016142630A1

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 2016142630 A1 20160915; BR 112017018593 A2 20180417; BR 112017018593 B1 20220726; CN 107429165 A 20171201; EP 3268451 A1 20180117; FR 3033573 A1 20160916; FR 3033573 B1 20180323; FR 3033574 A1 20160916; FR 3033574 B1 20190405; JP 2018507946 A 20180322; JP 6762954 B2 20200930; RU 2017134340 A 20190403; RU 2017134340 A3 20190606; RU 2706651 C2 20191119; US 11225607 B2 20220118; US 2018057748 A1 20180301

DOCDB simple family (application)
FR 2016050545 W 20160310; BR 112017018593 A 20160310; CN 201680014861 A 20160310; EP 16713546 A 20160310; FR 1551977 A 20150310; FR 1556359 A 20150706; JP 2017547492 A 20160310; RU 2017134340 A 20160310; US 201615556051 A 20160310