

Title (en)
SMOOTH TEXTILE REINFORCEMENT FOR PULTRUSION, METHOD AND DEVICE FOR PRODUCING SAME, AND USE THEREOF IN THE MANUFACTURE OF COMPONENTS USING PULTRUSION

Title (de)
GLATTE TEXTILARMIERUNG FÜR PULTRUSION, VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG DAVON UND VERWENDUNG DAVON IN DER HERSTELLUNG VON KOMPONENTEN MITTELS PULTRUSION

Title (fr)
ARMATURE TEXTILE LISSE POUR PULTRUSION, PROCÉDÉ ET DISPOSITIF POUR SA RÉALISATION, ET SON UTILISATION POUR LA FABRICATION DE PIÈCES PAR PULTRUSION

Publication
EP 3426832 A1 20190116 (FR)

Application
EP 17712244 A 20170308

Priority
• FR 1651933 A 20160308
• IB 2017051351 W 20170308

Abstract (en)
[origin: WO2017153926A1] Textile reinforcement (1) that can be used for the creation of composite components by pultrusion, comprising a reinforcing layer (200) having lengths of fibreglass (3) oriented randomly and coated in a polyester binder (4), in which: – the reinforcing layer (200) comprises at least one reinforcement layer (6, 6a) formed of fibres structured as a weave or as a mesh, or as longitudinal and transverse filaments, – the reinforcing layer (200) comprises at least one thickness layer (2), adjacent to the reinforcement layer (6), and based on the said lengths of fibreglass (3) oriented randomly and coated in a polyester binder (4), – at least one first surface layer (5) as a web of fibres forms a first external face of the textile reinforcement (1), – a second external face of the textile reinforcement (1) is formed by the said at least one reinforcement layer (6) or by a second surface layer as a web of fibres, – the polyester binder (4) binds the layers of the textile reinforcement (1) together.

IPC 8 full level
D04H 1/4218 (2012.01); **B29C 70/52** (2006.01); **B32B 5/26** (2006.01); **D04H 1/593** (2012.01); **D04H 1/60** (2006.01); **D04H 3/004** (2012.01); **D04H 3/045** (2012.01)

CPC (source: EP US)
B29B 11/16 (2013.01 - EP US); **B29B 15/105** (2013.01 - US); **B29B 15/12** (2013.01 - EP US); **B29C 70/52** (2013.01 - EP US); **B32B 5/022** (2013.01 - EP US); **B32B 5/024** (2013.01 - EP US); **B32B 5/26** (2013.01 - EP US); **B32B 7/12** (2013.01 - EP US); **D04H 1/4218** (2013.01 - EP US); **D04H 1/593** (2013.01 - EP US); **D04H 1/60** (2013.01 - EP US); **D04H 3/004** (2013.01 - EP US); **D04H 3/045** (2013.01 - EP US); **B29K 2067/00** (2013.01 - US); **B29K 2101/10** (2013.01 - US); **B29K 2105/06** (2013.01 - US); **B29K 2309/08** (2013.01 - US); **B32B 37/24** (2013.01 - US); **B32B 2250/03** (2013.01 - EP US); **B32B 2250/05** (2013.01 - EP US); **B32B 2260/021** (2013.01 - US); **B32B 2260/023** (2013.01 - EP US); **B32B 2260/046** (2013.01 - EP US); **B32B 2262/0253** (2013.01 - EP US); **B32B 2262/0261** (2013.01 - EP US); **B32B 2262/0276** (2013.01 - EP US); **B32B 2262/101** (2013.01 - EP US); **B32B 2264/0278** (2013.01 - US); **B32B 2307/54** (2013.01 - EP US); **B32B 2307/718** (2013.01 - EP US)

Citation (search report)
See references of WO 2017153926A1

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 2017153926 A1 20170914; EP 3426832 A1 20190116; FR 3048635 A1 20170915; FR 3048635 B1 20190705; US 2019070802 A1 20190307

DOCDB simple family (application)
IB 2017051351 W 20170308; EP 17712244 A 20170308; FR 1651933 A 20160308; US 201716080348 A 20170308