

Title (en)

MULTILAYER ELEMENT COMPRISING A REINFORCING MATERIAL COMBINED WITH A SUPPORT LAYER BY MEANS OF AN ELECTROSTATIC LINK

Title (de)

MEHRSCHECHTIGES ELEMENT MIT EINEM VERSTÄRKUNGSMATERIAL IN KOMBINATION MIT EINER TRÄGERSCHICHT MITTELS EINER ELEKTROSTATISCHEN VERBINDUNG

Title (fr)

ÉLÉMENT MULTICOUCHE COMPRENANT UN MATÉRIAUX DE RENFORT ASSOCIÉ À UNE COUCHE SUPPORT PAR LIAISON ÉLECTROSTATIQUE

Publication

EP 3003706 A1 20160413 (FR)

Application

EP 14731718 A 20140526

Priority

- FR 1354954 A 20130530
- FR 2014051221 W 20140526

Abstract (en)

[origin: WO2014191667A1] The present invention concerns a multilayer element comprising a reinforcing material suitable for producing composite parts combined on at least one of the faces of same with a support layer characterised in that the reinforcing material and the support layer are combined by means of electrostatic forces, and a method for preparing such a material and a method for producing a composite part produced from at least one reinforcing material obtained from such an element, after having removed the support layer.

IPC 8 full level

B32B 5/12 (2006.01); **B32B 27/36** (2006.01); **B32B 29/02** (2006.01)

CPC (source: EP RU US)

B29B 11/16 (2013.01 - US); **B29C 39/10** (2013.01 - RU); **B29C 70/20** (2013.01 - RU); **B29C 70/202** (2013.01 - US);
B32B 5/12 (2013.01 - EP RU US); **B32B 7/04** (2013.01 - RU); **B32B 27/36** (2013.01 - EP RU US); **B32B 37/26** (2013.01 - US);
B29K 2077/00 (2013.01 - US); **B29K 2105/0085** (2013.01 - US); **B29K 2105/0881** (2013.01 - US); **B29K 2307/04** (2013.01 - US);
B32B 2037/0092 (2013.01 - US); **B32B 2037/268** (2013.01 - US); **B32B 2305/08** (2013.01 - US); **B32B 2307/206** (2013.01 - US);
B32B 2307/21 (2013.01 - EP US); **B32B 2313/04** (2013.01 - US); **B32B 2377/00** (2013.01 - US)

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 2014191667 A1 20141204; AU 2014272962 A1 20151217; AU 2014272962 B2 20170518; BR 112015030058 A2 20170725;
CA 2911360 A1 20141204; CA 2911360 C 20200811; CN 105246679 A 20160113; CN 105246679 B 20180525; EP 3003706 A1 20160413;
FR 3006235 A1 20141205; FR 3006235 B1 20151120; JP 2016522105 A 20160728; JP 6366206 B2 20180801; RU 2015156495 A 20170706;
RU 2650136 C2 20180409; US 2016288476 A1 20161006; US 9815265 B2 20171114

DOCDB simple family (application)

FR 2014051221 W 20140526; AU 2014272962 A 20140526; BR 112015030058 A 20140526; CA 2911360 A 20140526;
CN 201480029923 A 20140526; EP 14731718 A 20140526; FR 1354954 A 20130530; JP 2016516219 A 20140526; RU 2015156495 A 20140526;
US 201414889027 A 20140526