

Title (en)

USE OF A REINFORCING TEXTILE STRUCTURE FOR COMPOSITE MATERIALS

Title (de)

VERWENDUNG EINER VERSTÄRKUNG EINER TEXTILSTRUKTUR FÜR VERBUNDWERKSTOFFE

Title (fr)

L'UTILISATION D'UNE STRUCTURE TEXTILE DE RENFORCEMENT POUR MATÉRIAUX COMPOSITES

Publication

EP 3114262 B1 20210922 (FR)

Application

EP 15714561 A 20150304

Priority

- FR 1451734 A 20140304
- FR 2015050520 W 20150304

Abstract (en)

[origin: WO2015132526A1] A reinforcing textile complex for composite materials, comprising a stack of textile layers with a view to their impregnation by a polymer resin, the including complex comprising: • an assembly of weft threads (2); • an assembly of warp threads (3, 4) associated in pairs, each pair comprising two threads of different type, at least one of which (3) is based on high toughness threads, the two threads of a given pair being woven with the weft threads in a "leno" weave.

IPC 8 full level

D03D 15/43 (2021.01); **D03D 19/00** (2006.01)

CPC (source: EP KR US)

D03D 15/43 (2021.01 - EP KR US); **D03D 19/00** (2013.01 - EP KR US); **D10B 2401/063** (2013.01 - EP KR US); **D10B 2505/02** (2013.01 - EP KR 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

DOCDB simple family (publication)

WO 2015132526 A1 20150911; CN 106460259 A 20170222; EP 3114262 A1 20170111; EP 3114262 B1 20210922; ES 2895103 T3 20220217; FR 3018285 A1 20150911; FR 3018285 B1 20160513; KR 20160130259 A 20161110; MA 39491 A 20150911; PL 3114262 T3 20220207; PT 3114262 T 20211026; US 2017067191 A1 20170309

DOCDB simple family (application)

FR 2015050520 W 20150304; CN 201580021207 A 20150304; EP 15714561 A 20150304; ES 15714561 T 20150304; FR 1451734 A 20140304; KR 20167027109 A 20150304; MA 39491 A 20150304; PL 15714561 T 20150304; PT 15714561 T 20150304; US 201515123129 A 20150304