

Title (en)

GLASS FIBER MAT AND PRODUCTS COMPRISING GLASS FIBER MATS

Title (de)

GLASFASERVLIEN SOWIE GLASFASERVLIEN ENTHALTENDE ERZEUGNISSE

Title (fr)

NON-TISSÉ EN FIBRES DE VERRE ET PRODUITS CONTENANT DES NON-TISSÉS EN FIBRES DE VERRE

Publication

EP 2673408 A1 20131218 (DE)

Application

EP 12705052 A 20120210

Priority

- DE 102011011056 A 20110211
- EP 2012000604 W 20120210

Abstract (en)

[origin: WO2012107233A1] The invention relates to a glass fiber mat comprising glass fibers of a first type, glass fibers of a second type, and a binding agent. The glass fibers of the first type are thereby characterized by a mean fiber diameter of less than 6 µm and compliance with the EC protocol "ECB/TM/27 Rev. 7" and the glass fibers of the second type are characterized by a mean fiber diameter of greater than 6 µm. The ratio between the weight proportion of the glass fibers of the first type and the weight proportion of the glass fibers of the second type is between 0.01 and 0.15. The weight per unit area of the glass fiber mat is between 25 g/m² and 80 g/m². For a CV floor coating comprising a wear layer and structural layer, the structural layer comprises such a glass fiber mat having an impregnation.

IPC 8 full level

D06N 3/06 (2006.01); **D04H 1/4218** (2012.01); **D04H 1/587** (2012.01); **D04H 1/645** (2012.01); **D06N 7/00** (2006.01); **D21H 13/40** (2006.01)

CPC (source: EP US)

D04H 1/4218 (2013.01 - EP US); **D04H 1/587** (2013.01 - EP US); **D04H 1/645** (2013.01 - EP US); **D06N 3/06** (2013.01 - EP US); **D06N 7/006** (2013.01 - EP US); **D21H 13/40** (2013.01 - EP US); **Y10T 442/20** (2015.04 - EP US); **Y10T 442/623** (2015.04 - EP US)

Citation (search report)

See references of WO 2012107233A1

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 2012107233 A1 20120816; CA 2826665 A1 20120816; CA 2826665 C 20150505; DE 102011011056 A1 20120816; EP 2673408 A1 20131218; EP 2673408 B1 20141217; PL 2673408 T3 20150529; RS 53786 B1 20150630; US 2013337251 A1 20131219

DOCDB simple family (application)

EP 2012000604 W 20120210; CA 2826665 A 20120210; DE 102011011056 A 20110211; EP 12705052 A 20120210; PL 12705052 T 20120210; RS P20150033 A 20120210; US 201213983283 A 20120210