

Title (en)  
CV floor lining containing nonwoven fabric and nonwoven fabric

Title (de)  
Faservlies enthaltender CV-Bodenbelag sowie Faservlies

Title (fr)  
Revêtement de sol CV comprenant un non-tissé et non-tissé

Publication  
**EP 2835462 B1 20180418 (DE)**

Application  
**EP 14002745 A 20140806**

Priority  
DE 102013013321 A 20130809

Abstract (en)  
[origin: CA2858588A1] A hybrid fibre mat comprises glass fibres, polymer fibres and binding agents, the glass fibres having a mean diameter of between 6 and 13 µm and a mean length of between 6 and 15 mm, the polymer fibres being staple fibres having a mean fineness of between 0.2 and 0.6 dtex and a mean length of between 2 and 4 mm and the percentage by weight of the polymer fibres being between 5 and 20% of the dry fibre mat. Such a hybrid fibre mat being suitable in particular as a covering for interior elements, a ceiling panel or other interior cladding elements and, provided with an impregnation (for example plastisol), in particular as a structural layer of a cushioned vinyl floor covering. For the production thereof, preferably water which contains the glass fibres and the polymer fibres is passed in a circuit through a band screen, the fibre mixture in the form of a fibre layer with a predetermined layer thickness is deposited on the band screen, excess circuit water is removed from the fibre layer, binding agent is added to the fibre layer and the fibre layer to which binding agent has been added is dried.

IPC 8 full level  
**D04H 1/587** (2012.01); **D04H 1/4218** (2012.01); **D04H 1/435** (2012.01); **D04H 1/58** (2012.01); **D04H 1/64** (2012.01); **D04H 3/004** (2012.01); **D06N 3/00** (2006.01); **D21H 13/24** (2006.01); **D21H 13/40** (2006.01); **D21H 27/26** (2006.01)

CPC (source: EP RU US)  
**D04H 1/4218** (2013.01 - EP RU US); **D04H 1/435** (2013.01 - EP RU US); **D04H 1/587** (2013.01 - EP RU US); **D04H 1/64** (2013.01 - EP RU US); **D04H 3/004** (2013.01 - RU US); **D04H 3/005** (2013.01 - RU US); **D06N 3/0011** (2013.01 - EP RU US); **D06N 3/0022** (2013.01 - EP US); **D06N 3/0036** (2013.01 - EP US); **D06N 7/006** (2013.01 - EP US); **D21H 13/24** (2013.01 - EP US); **D21H 13/40** (2013.01 - EP US); **D21H 27/26** (2013.01 - EP US); **D06N 2211/063** (2013.01 - EP US); **D06N 2211/066** (2013.01 - EP US); **Y10T 428/23957** (2015.04 - EP 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)  
**EP 2835462 A1 20150211**; **EP 2835462 B1 20180418**; CA 2858588 A1 20150209; DE 102013013321 A1 20150212; DK 2835462 T3 20180723; HU E036808 T2 20180730; PL 2835462 T3 20180831; RS 57245 B1 20180731; RU 2014132898 A 20160227; RU 2669166 C2 20181008; US 2015044414 A1 20150212

DOCDB simple family (application)  
**EP 14002745 A 20140806**; CA 2858588 A 20140807; DE 102013013321 A 20130809; DK 14002745 T 20140806; HU E14002745 A 20140806; PL 14002745 T 20140806; RS P20180591 A 20140806; RU 2014132898 A 20140808; US 201414450465 A 20140804