

Title (en)

COMPOSITE COMPONENT COMPRISING A POLYCHLOROPRENE AND/OR POLYURETHANE BINDER

Title (de)

KOMPOSITBAUTEIL ENTHALTEND EIN POLYCHLOROPREN- UND/ODER POLYURETHAN-BINDEMITEIL

Title (fr)

COMPOSANT COMPOSITE CONTENANT UN LIANT DE POLYCHLOROPRÈNE ET / OU POLYURÉTHANE

Publication

EP 3874081 B1 20230208 (DE)

Application

EP 19797220 A 20191028

Priority

- EP 18203867 A 20181031
- EP 2019079386 W 20191028

Abstract (en)

[origin: WO2020089163A1] The invention relates to a method for producing a composite component, comprising the steps: i) applying an aqueous composition, which contains a polychloroprene dispersion and/or a polyurethane dispersion, to at least one nonwoven; ii) coagulating the aqueous composition on the nonwoven by bringing the aqueous composition into contact with a coagulant and/or heating to 80 to 220 °C, in order to form a semifinished product; and iii) optionally attaching a decoration, which comprises an adhesive film; and iv) thereafter, shaping the semifinished product from step ii) or iii) by pressing and/or heating to 30 to 220 °C, in order to obtain the composite component, characterized in that the aqueous composition contains at least one thickener. The invention further relates to the use of the composite component of the invention as part of an interior trim, of a sun visor, of a support part, of a 2- or 3-dimensional sound-proofing panel, of a 3D-printed component, of a padding material, of a collision protection means, of a seat shell and of an impact isolation means.

IPC 8 full level

D04H 1/587 (2006.01); **D04H 1/64** (2006.01)

CPC (source: EP US)

D04H 1/587 (2013.01 - EP US); **D04H 1/64** (2013.01 - US); **D04H 1/641** (2013.01 - EP); **D06N 3/0088** (2013.01 - US); **D06N 3/04** (2013.01 - US); **D06N 3/14** (2013.01 - US); **D06N 3/144** (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

DOCDB simple family (publication)

WO 2020089163 A1 20200507; CN 113242920 A 20210810; EP 3874081 A1 20210908; EP 3874081 B1 20230208; US 2021395945 A1 20211223

DOCDB simple family (application)

EP 2019079386 W 20191028; CN 201980072467 A 20191028; EP 19797220 A 20191028; US 201917289787 A 20191028