

Title (en)
NOVEL PROCESS FOR PRODUCING COMPOSITE MATERIALS

Title (de)
NEUE VERFAHREN ZUR HERSTELLUNG VOM VERBUNDMATERIALIEN

Title (fr)
NOUVEAUX PROCÉDÉS DE FABRICATION DE MATÉRIAUX COMPOSITES

Publication
EP 3463856 A1 20190410 (DE)

Application
EP 17729426 A 20170602

Priority
• EP 16173155 A 20160606
• EP 2017063410 W 20170602

Abstract (en)
[origin: WO2017211702A1] (A) a carrier material, (B) optionally at least one bonding layer and (C) a polymer layer, characterized in that, with the aid of a die, a polymer layer (C) is formed, at least one organic adhesive is optionally applied over all or part of the area of a carrier material (A) and/or to polymer layer (C) and then polymer layer (C) is bonded to carrier material (A) in a dot pattern, in strips or over the full area, wherein polymer layer (C) and/or at least one bonding layer (B) of aqueous polymer dispersions are produced, comprising at least one crosslinker V and 0.1% to 5% by weight of at least one solvent selected from dipropylene glycol dimethyl ether and/or propane-1,2-diol acetate.

IPC 8 full level
B32B 5/18 (2006.01); **B32B 3/26** (2006.01); **B32B 7/12** (2006.01); **B32B 7/14** (2006.01); **B32B 9/00** (2006.01); **B32B 9/02** (2006.01); **B32B 15/04** (2006.01); **B32B 15/08** (2006.01); **B32B 23/00** (2006.01); **B32B 23/08** (2006.01); **B32B 27/06** (2006.01); **B32B 27/08** (2006.01); **B32B 27/12** (2006.01); **B32B 27/18** (2006.01); **B32B 27/40** (2006.01); **B32B 37/00** (2006.01); **D06N 3/00** (2006.01)

CPC (source: EP KR US)
B29C 33/3842 (2013.01 - US); **B29C 33/405** (2013.01 - US); **B29C 33/42** (2013.01 - US); **B29C 39/003** (2013.01 - US); **B29C 39/025** (2013.01 - US); **B29C 65/48** (2013.01 - US); **B29C 66/45** (2013.01 - US); **B29C 66/71** (2013.01 - US); **B29C 66/729** (2013.01 - US); **B32B 3/266** (2013.01 - EP US); **B32B 3/30** (2013.01 - KR); **B32B 5/024** (2013.01 - US); **B32B 5/18** (2013.01 - EP US); **B32B 7/12** (2013.01 - EP US); **B32B 7/14** (2013.01 - EP KR US); **B32B 9/002** (2013.01 - EP KR US); **B32B 9/025** (2013.01 - EP KR US); **B32B 9/045** (2013.01 - KR); **B32B 15/04** (2013.01 - EP US); **B32B 15/08** (2013.01 - EP US); **B32B 15/095** (2013.01 - KR US); **B32B 15/20** (2013.01 - US); **B32B 23/00** (2013.01 - EP US); **B32B 23/08** (2013.01 - EP KR US); **B32B 27/065** (2013.01 - EP KR US); **B32B 27/08** (2013.01 - EP KR US); **B32B 27/12** (2013.01 - EP KR US); **B32B 27/18** (2013.01 - EP KR US); **B32B 27/20** (2013.01 - US); **B32B 27/40** (2013.01 - EP KR US); **B32B 33/00** (2013.01 - EP US); **B32B 37/12** (2013.01 - EP US); **C08G 18/4018** (2013.01 - US); **C08G 18/44** (2013.01 - US); **C08G 18/48** (2013.01 - US); **C08G 18/71** (2013.01 - US); **C08J 3/24** (2013.01 - US); **C08J 5/127** (2013.01 - US); **C08K 3/04** (2013.01 - US); **C09J 5/00** (2013.01 - US); **C09J 11/04** (2013.01 - US); **C09J 175/04** (2013.01 - US); **D06N 3/00** (2013.01 - US); **D06N 3/0006** (2013.01 - EP US); **D06N 3/0036** (2013.01 - EP US); **D06N 3/0045** (2013.01 - EP US); **D06N 3/0065** (2013.01 - EP US); **D06N 3/0077** (2013.01 - EP US); **D06N 3/0088** (2013.01 - EP US); **D06N 3/0097** (2013.01 - EP US); **D06N 3/145** (2013.01 - EP US); **B29K 2075/00** (2013.01 - US); **B29K 2105/0032** (2013.01 - US); **B29K 2233/20** (2013.01 - US); **B29K 2883/00** (2013.01 - US); **B32B 2255/02** (2013.01 - US); **B32B 2255/26** (2013.01 - US); **B32B 2262/0276** (2013.01 - US); **B32B 2307/40** (2013.01 - EP US); **B32B 2307/734** (2013.01 - EP US); **B32B 2311/24** (2013.01 - US); **B32B 2375/00** (2013.01 - US); **C08J 2375/08** (2013.01 - US); **C08J 2433/08** (2013.01 - US); **C08J 2433/20** (2013.01 - US); **C08J 2475/04** (2013.01 - US); **C09J 2433/00** (2013.01 - US); **C09J 2475/00** (2013.01 - US); **C09J 2475/006** (2013.01 - US); **D06N 2209/105** (2013.01 - EP US); **D06N 2209/1685** (2013.01 - EP US); **Y02P 20/582** (2015.11 - EP)

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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

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