

Title (en)
MULTILAYER CARD COMPRISING AN EXTERIOR FIBROUS LAYER

Title (de)
MEHRSCHICHTKARTE MIT FASRIGER AUSSENSCHICHT

Title (fr)
CARTE MULTICOUCHE COMPORTANT UNE COUCHE EXTERNE FIBREUSE

Publication
EP 2598324 A1 20130605 (FR)

Application
EP 11748739 A 20110713

Priority

- FR 1056348 A 20100730
- IB 2011053137 W 20110713

Abstract (en)
[origin: WO2012014112A1] The present application relates to a multilayer card (1) comprising a fibrous outer layer (2; 2A; 2B), the fibrous outer layer (2; 2A; 2B) comprising: relative to the total weight of the fibrous outer layer (2; 2A; 2B), 55 wt % to 80 wt % of natural fibres, preferably 60 wt % to 65 wt %; relative to the total weight of the fibrous outer layer (2; 2A; 2B), 3 wt % to 10 wt % of synthetic fibres, preferably 4 wt % to 8 wt %; relative to the total weight of the fibrous outer layer (2; 2A; 2B), 9 wt % to 20 wt % of inorganic fillers, preferably 12 wt % to 16 wt %; a binder, in particular a mixture of PVA and starch or a latex, preferably selected from among acrylic, styrene-butadiene or butadiene latexes; and a softener, in particular glycerine, urea, sodium nitrate, or the mixtures thereof, the fibrous outer layer (2; 2 A; 2B) being printed upon and/or comprising a security element, which is in particular luminescent.

IPC 8 full level
B32B 5/08 (2006.01); **B32B 27/12** (2006.01); **B32B 27/30** (2006.01); **B32B 29/02** (2006.01); **D21H 13/24** (2006.01); **D21H 13/26** (2006.01); **D21H 19/38** (2006.01); **D21H 21/48** (2006.01)

CPC (source: EP US)
B32B 5/08 (2013.01 - EP US); **B32B 7/12** (2013.01 - EP US); **B32B 27/10** (2013.01 - EP US); **B32B 29/005** (2013.01 - EP US); **B32B 29/02** (2013.01 - EP US); **B32B 37/182** (2013.01 - EP US); **B42D 25/00** (2014.10 - EP US); **B42D 25/23** (2014.10 - US); **B42D 25/305** (2014.10 - EP); **B42D 25/328** (2014.10 - EP); **B42D 25/36** (2014.10 - EP); **B42D 25/455** (2014.10 - EP US); **B42D 25/46** (2014.10 - EP); **B42D 25/47** (2014.10 - EP); **D21H 13/24** (2013.01 - EP US); **D21H 13/26** (2013.01 - EP US); **D21H 19/385** (2013.01 - EP US); **D21H 21/48** (2013.01 - EP US); **B32B 38/145** (2013.01 - EP US); **B32B 2255/02** (2013.01 - EP US); **B32B 2255/26** (2013.01 - EP US); **B32B 2260/021** (2013.01 - EP US); **B32B 2260/046** (2013.01 - EP US); **B32B 2260/048** (2013.01 - EP US); **B32B 2262/0261** (2013.01 - EP US); **B32B 2262/0276** (2013.01 - EP US); **B32B 2262/06** (2013.01 - EP US); **B32B 2262/14** (2013.01 - EP US); **B32B 2264/10** (2013.01 - EP US); **B32B 2264/102** (2013.01 - EP US); **B32B 2305/22** (2013.01 - EP US); **B32B 2307/102** (2013.01 - EP US); **B32B 2307/3065** (2013.01 - EP US); **B32B 2307/54** (2013.01 - EP US); **B32B 2307/712** (2013.01 - EP US); **B32B 2307/718** (2013.01 - EP US); **B32B 2307/75** (2013.01 - EP US); **B32B 2309/10** (2013.01 - EP US); **B32B 2309/105** (2013.01 - EP US); **B32B 2419/00** (2013.01 - EP US); **B32B 2425/00** (2013.01 - EP US); **B32B 2605/18** (2013.01 - EP US); **B42D 2033/00** (2022.01 - EP); **B42D 2033/20** (2022.01 - EP); **B42D 2033/28** (2022.01 - EP); **B42D 2033/30** (2022.01 - EP); **Y10T 156/10** (2015.01 - EP US); **Y10T 428/2481** (2015.01 - EP US); **Y10T 428/249921** (2015.04 - EP US)

Citation (search report)
See references of WO 2012014112A1

Cited by
WO2015049610A1

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 2012014112 A1 20120202; AR 082400 A1 20121205; BR 112013002002 A2 20160531; CA 2807239 A1 20120202; EP 2598324 A1 20130605; FR 2963275 A1 20120203; FR 2963275 B1 20120817; US 2014242356 A1 20140828

DOCDB simple family (application)
IB 2011053137 W 20110713; AR P110102725 A 20110728; BR 112013002002 A 20110713; CA 2807239 A 20110713; EP 11748739 A 20110713; FR 1056348 A 20100730; US 201113813402 A 20110713