

Title (en)  
FUNCTIONALISED LAYERED STRUCTURE

Title (de)  
FUNKTIONALISIERTE SCHICHTSTRUKTUR

Title (fr)  
STRUCTURE EN COUCHES FONCTIONNALISEE

Publication  
**EP 3030419 A1 20160615 (FR)**

Application  
**EP 14747073 A 20140701**

Priority  
• FR 1357770 A 20130805  
• FR 2014051690 W 20140701

Abstract (en)  
[origin: WO2015018992A1] The invention relates to a functionalised layered structure (2, 3, 20, 30) including: a first element that is a first single-layer or multi-layer functional film (2A, 4); at least one second element selected among a second functional film (2B) and a basic optical element (200, 300); at least one first pressure-sensitive adhesive layer (5A, 5B, 5) placed in contact with at least one surface of said first element and at least one surface of said second element. According to the invention, the surfaces of said first and second element, which are intended for being placed in contact with said adhesive layer, are subjected to a surface treatment prior to being placed in contact, such that the decrease between the peel force when dry and the peel force when wet is no higher than at least 35 %, inclusive.

IPC 8 full level  
**B32B 23/08** (2006.01); **B32B 7/12** (2006.01); **B32B 23/20** (2006.01); **B32B 27/08** (2006.01); **B32B 27/12** (2006.01); **B32B 27/16** (2006.01); **B32B 27/30** (2006.01); **B32B 27/32** (2006.01); **B32B 27/34** (2006.01); **B32B 27/36** (2006.01); **G02B 1/08** (2006.01)

CPC (source: EP US)  
**B32B 7/12** (2013.01 - EP US); **B32B 23/08** (2013.01 - EP US); **B32B 23/20** (2013.01 - EP US); **B32B 27/08** (2013.01 - EP US); **B32B 27/16** (2013.01 - EP US); **B32B 27/306** (2013.01 - EP US); **B32B 27/308** (2013.01 - EP US); **B32B 27/325** (2013.01 - EP US); **B32B 27/34** (2013.01 - EP US); **B32B 27/36** (2013.01 - EP US); **B32B 27/365** (2013.01 - EP US); **G02B 1/08** (2013.01 - EP US); **G02B 1/14** (2015.01 - US); **G02B 5/3033** (2013.01 - US); **G02C 7/12** (2013.01 - US); **B32B 2255/10** (2013.01 - EP US); **B32B 2255/26** (2013.01 - EP US); **B32B 2307/42** (2013.01 - EP US); **B32B 2551/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 2015018992A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**FR 3009234 A1 20150206**; **FR 3009234 B1 20170929**; CN 105473330 A 20160406; CN 105473330 B 20180417; EP 3030419 A1 20160615; JP 2016527567 A 20160908; KR 20160040570 A 20160414; US 2016216425 A1 20160728; WO 2015018992 A1 20150212

DOCDB simple family (application)  
**FR 1357770 A 20130805**; CN 201480043600 A 20140701; EP 14747073 A 20140701; FR 2014051690 W 20140701; JP 2016532711 A 20140701; KR 20167003326 A 20140701; US 201414910137 A 20140701