

Title (en)  
RELEASE SHEET, SYNTHETIC LEATHER AND MANUFACTURING METHOD THEREOF

Title (de)  
ABZIEHFOLIE, KUNSTLEDER UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
FEUILLE ANTI-ADHÉRENTE, CUIR SYNTHÉTIQUE ET LEUR PROCÉDÉ DE FABRICATION

Publication  
**EP 2531351 A4 20140122 (EN)**

Application  
**EP 10845015 A 20100202**

Priority  
CN 2010070478 W 20100202

Abstract (en)  
[origin: WO2011094930A1] A release sheet (1) has a substrate sheet (2) and a thermoplastic resin layer (3) laminated on the substrate sheet (2), in which two or more different emboss patterns are formed on a surface of the thermoplastic resin layer (3). A manufacturing method of the release sheet (1) includes: the first embossing step for embossing the substrate sheet (2); laminating step for laminating the thermoplastic resin layer (3) on the embossed substrate sheet (2); and the second embossing step for embossing the laminated thermoplastic resin layer (3), in which the irregular form of the embossed patterns provided in the first embossing step and the second embossing step are different from each other. Synthetic leather is manufactured by using the release sheet.

IPC 8 full level  
**B32B 27/06** (2006.01); **B32B 38/06** (2006.01)

CPC (source: EP KR)  
**B32B 3/28** (2013.01 - EP); **B32B 3/30** (2013.01 - EP); **B32B 7/12** (2013.01 - EP); **B32B 27/06** (2013.01 - KR); **B32B 27/08** (2013.01 - EP); **B32B 27/10** (2013.01 - EP); **B32B 27/304** (2013.01 - EP); **B32B 27/32** (2013.01 - EP); **B32B 27/36** (2013.01 - EP); **B32B 27/40** (2013.01 - EP); **B32B 29/002** (2013.01 - EP); **B32B 38/06** (2013.01 - EP KR); **D06N 3/00** (2013.01 - KR); **D06N 3/0097** (2013.01 - EP); **D21H 27/001** (2013.01 - EP); **B32B 37/153** (2013.01 - EP); **B32B 2255/12** (2013.01 - EP); **B32B 2260/028** (2013.01 - EP); **B32B 2260/046** (2013.01 - EP); **B32B 2270/00** (2013.01 - EP); **B32B 2307/306** (2013.01 - EP); **B32B 2307/408** (2013.01 - EP); **B32B 2307/538** (2013.01 - EP); **B32B 2307/732** (2013.01 - EP); **B32B 2307/734** (2013.01 - EP); **B32B 2307/748** (2013.01 - EP); **B32B 2309/02** (2013.01 - EP); **B32B 2309/10** (2013.01 - EP); **B32B 2309/105** (2013.01 - EP); **B32B 2317/08** (2013.01 - EP); **D06N 2209/1664** (2013.01 - EP); **D06N 2211/28** (2013.01 - EP); **D21H 19/22** (2013.01 - EP); **D21H 27/02** (2013.01 - EP)

Citation (search report)  
• [XA] WO 2009044865 A1 20090409 - DAINIPPON PRINTING CO LTD [JP], et al  
• [XA] US 6733864 B1 20040511 - KUBOTA TAKESHI [JP]  
• See references of WO 2011094930A1

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011094930 A1 20110811**; CN 102985254 A 20130320; CN 102985254 B 20150902; EP 2531351 A1 20121212; EP 2531351 A4 20140122; JP 2013518738 A 20130523; JP 5627141 B2 20141119; KR 20120124472 A 20121113; TW 201134658 A 20111016; TW I507290 B 20151111

DOCDB simple family (application)  
**CN 2010070478 W 20100202**; CN 201080062872 A 20100202; EP 10845015 A 20100202; JP 2012550295 A 20100202; KR 20127022824 A 20100202; TW 100103286 A 20110128