

Title (en)

MULTI-PLY PLANAR ABSORBENT PRODUCT AND PROCESS FOR MANUFACTURING SUCH A PRODUCT

Title (de)

MEHRSCHICHTIGER PLANARER ABSORBIERENDER GEGENSTAND UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

PRODUIT ABSORBANT PLAT MULTICHOUCHES ET PROCEDE DE FABRICATION

Publication

EP 1720698 A1 20061115 (EN)

Application

EP 04716222 A 20040302

Priority

EP 2004002077 W 20040302

Abstract (en)

[origin: WO2005095100A1] According to the invention adhesive (a1, a2) as a pattern of deposits is applied on both sides of a hydrophilic spunbond non-woven inner ply (B) of low grammage and no or low adhesion ability. Together with this inner ply (B) a three ply planar absorbent product is made with tissue outer plies (A,C) by exerting pressure on the adhesive such that the adhesive penetrates through the inner ply (B) for achieving ply bonding between the inner ply (B) and the opposite outer ply (C). The different adhesive patterns do not disturb each other because they do not coincide.

IPC 8 full level

B32B 7/14 (2006.01); **B31F 1/07** (2006.01); **B32B 37/12** (2006.01); **D04H 13/00** (2006.01); **D21H 27/40** (2006.01); **D21H 27/32** (2006.01); **D21H 27/38** (2006.01)

CPC (source: EP US)

B31F 1/07 (2013.01 - EP US); **B32B 3/28** (2013.01 - US); **B32B 5/022** (2013.01 - US); **B32B 5/26** (2013.01 - EP US); **B32B 7/12** (2013.01 - EP US); **B32B 7/14** (2013.01 - EP US); **B32B 29/02** (2013.01 - US); **B32B 37/1292** (2013.01 - EP US); **B32B 38/06** (2013.01 - US); **D21H 27/40** (2013.01 - EP US); **B31F 2201/0761** (2013.01 - EP US); **B31F 2201/0787** (2013.01 - EP US); **B32B 2305/20** (2013.01 - EP US); **B32B 2307/726** (2013.01 - US); **B32B 2317/12** (2013.01 - EP US); **B32B 2432/00** (2013.01 - US); **D21H 27/32** (2013.01 - EP US); **D21H 27/38** (2013.01 - EP US); **Y10T 428/31993** (2015.04 - EP US)

Citation (search report)

See references of WO 2005095100A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005095100 A1 20051013; EP 1720698 A1 20061115; US 2007042209 A1 20070222

DOCDB simple family (application)

EP 2004002077 W 20040302; EP 04716222 A 20040302; US 51302406 A 20060831