

Title (en)
COMPOSITE MATERIAL FOR LIGHT-, GAS- AND LIQUID-TIGHT HEAT-SEALING PACKAGINGS

Title (de)
VERBUNDMATERIAL FÜR LICHT-, GAS- UND FLÜSSIGKEITSDICHTE HEISSIEGELBARE PACKUNGEN

Title (fr)
MATERIAU COMPOSITE DESTINE A DES EMBALLAGES THERMOSCELLABLES ETANCHES A LA LUMIERE, AUX GAZ ET AUX LIQUIDES

Publication
EP 1465768 A2 20041013 (DE)

Application
EP 03729479 A 20030117

Priority
• DE 10202072 A 20020118
• EP 0300429 W 20030117

Abstract (en)
[origin: WO03059622A2] A composite material is disclosed, made from paper or cardboard as support material (1) with a plastic coating, in particular for light-, gas- and liquid-tight heat-sealing packagings, whereby the plastic coatings each have external sealing layers (3) and a barrier layer (2) made from metal is arranged between the support material layer (1) and a sealing layer (3). The invention also relates to a method for production thereof. According to the invention, the support material layer (1) is protected in the composite material such that a packaging, made therefrom with the product therein, may be sterilised in an autoclave or similar and said composite material may be simply and economically produced, whereby a further barrier layer (2) is provided on the other side of the support material layer (1).

IPC 1-7
B32B 27/30

IPC 8 full level
B65D 65/16 (2006.01); **B32B 15/08** (2006.01); **B32B 27/10** (2006.01); **B32B 29/00** (2006.01); **B65D 65/40** (2006.01)

CPC (source: EP KR US)
B32B 15/12 (2013.01 - KR); **B32B 27/10** (2013.01 - EP US); **B32B 27/12** (2013.01 - KR); **B32B 29/00** (2013.01 - EP US); **B32B 2305/55** (2013.01 - EP US); **B32B 2311/00** (2013.01 - EP US); **B32B 2317/12** (2013.01 - EP US); **B32B 2553/00** (2013.01 - EP US); **Y10T 428/31681** (2015.04 - EP US); **Y10T 428/31692** (2015.04 - EP US); **Y10T 428/31703** (2015.04 - EP US)

Citation (search report)
See references of WO 03059622A2

Cited by
EP4173817A2

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 PT SE SI SK TR

DOCDB simple family (publication)
WO 03059622 A2 20030724; WO 03059622 A3 20040422; AU 2003235703 A1 20030730; BR 0307007 A 20041103; CA 2473117 A1 20030724; CN 1630582 A 20050622; DE 10202072 A1 20030814; EP 1465768 A2 20041013; JP 2005528236 A 20050922; KR 20040096529 A 20041116; MX PA04006951 A 20050323; NO 20043154 L 20040723; RU 2004125155 A 20050527; TW 200302777 A 20030816; TW 592954 B 20040621; US 2005158530 A1 20050721

DOCDB simple family (application)
EP 0300429 W 20030117; AU 2003235703 A 20030117; BR 0307007 A 20030117; CA 2473117 A 20030117; CN 03803621 A 20030117; DE 10202072 A 20020118; EP 03729479 A 20030117; JP 2003559765 A 20030117; KR 20047011147 A 20030117; MX PA04006951 A 20030117; NO 20043154 A 20040723; RU 2004125155 A 20030117; TW 92101016 A 20030117; US 50105605 A 20050311