

Title (en)
MULTILAYERED LAMINATE FOR TUBES AND OTHER SIMILAR FILM-TYPE PACKAGINGS WITH AN EMBEDDED BARRIER LAYER

Title (de)
MEHRSCICHTIGES LAMINAT FÜR TUBEN UND DERGLEICHEN FOLIENARTIGE VERPACKUNGEN MIT EINGEBETTERTER BARRIERESCHICHT

Title (fr)
STRATIFIE MULTICOUCHE POUR TUBES ET EMBALLAGES ANALOGUES DE TYPE FEUILLES AVEC COUCHE BARRIERE INTEGREE

Publication
EP 1562744 A1 20050817 (DE)

Application
EP 03757824 A 20030911

Priority

- DE 10253395 A 20021115
- DE 10260695 A 20021223
- EP 0310125 W 20030911

Abstract (en)
[origin: WO2004045845A1] The invention relates to a multilayered laminate for tubes and other similar film-type packagings comprising an embedded barrier layer, a metal film, especially an aluminium film, and optionally an outer structure, especially an an outer and/or sealing film. The barrier layer is made of polyamide (PA), especially aromatic and/or partially aromatic polyamide or mixtures thereof, of mixtures of PA with polyacrylnitrile (PAN) and/or ethylene vinyl alcoholcopolymers (EVOH) or of polyethylene terephthalate (PET). The invention also relates to a method for the production of said laminate.

IPC 1-7
B32B 15/08

IPC 8 full level
B32B 15/08 (2006.01)

CPC (source: EP GB KR US)
B32B 1/08 (2013.01 - US); **B32B 7/12** (2013.01 - US); **B32B 15/08** (2013.01 - EP GB KR US); **B32B 15/082** (2013.01 - US); **B32B 15/088** (2013.01 - US); **B32B 15/09** (2013.01 - US); **B32B 15/20** (2013.01 - GB US); **B32B 27/08** (2013.01 - US); **B32B 27/28** (2013.01 - US); **B32B 27/306** (2013.01 - US); **B32B 27/32** (2013.01 - US); **B32B 27/34** (2013.01 - KR US); **B32B 27/36** (2013.01 - US); **B32B 2307/518** (2013.01 - US); **B32B 2307/7242** (2013.01 - US); **B32B 2311/24** (2013.01 - GB US); **B32B 2553/00** (2013.01 - GB US); **B32B 2597/00** (2013.01 - US); **Y10T 428/24967** (2015.01 - EP US); **Y10T 428/31681** (2015.04 - EP US); **Y10T 428/31692** (2015.04 - EP US); **Y10T 428/31699** (2015.04 - EP US)

Citation (search report)
See references of WO 2004045845A1

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 RO SE SI SK TR

DOCDB simple family (publication)
WO 2004045845 A1 20040603; AU 2003273859 A1 20040615; AU 2003273859 B2 20070329; BR 0316246 A 20051011; CA 2505738 A1 20040603; EP 1562744 A1 20050817; GB 0808867 D0 20080625; GB 2449619 A 20081203; GB 2449619 B 20120104; GB 2449619 B8 20130508; JP 2006506253 A 20060223; KR 100690033 B1 20070309; KR 20050086631 A 20050830; MX PA05005227 A 20050908; NO 20052875 D0 20050614; NO 20052875 L 20050812; RU 2005118749 A 20061220; US 2006127658 A1 20060615

DOCDB simple family (application)
EP 0310125 W 20030911; AU 2003273859 A 20030911; BR 0316246 A 20030911; CA 2505738 A 20030911; EP 03757824 A 20030911; GB 0808867 A 20080515; JP 2004552453 A 20030911; KR 20057008644 A 20050513; MX PA05005227 A 20030911; NO 20052875 A 20050614; RU 2005118749 A 20030911; US 53468005 A 20051227