Title (en)

RECYCLABLE, EASILY TEARABLE PACKAGING LAMINATE HAVING A GOOD BARRIER EFFECT, AND METHOD FOR PRODUCTION THEREOF

Title (de)

RECYCLINGFREUNDLICHES, EINFACH REISSBARES VERPACKUNGSLAMINAT MIT GUTER BARRIEREWIRKUNG UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

STRATIFIÉ D'EMBALLAGE RECYCLABLE, FACILEMENT DÉCHIRABLE, À EFFET BARRIÈRE SATISFAISANT, ET SON PROCÉDÉ DE FABRICATION

Publication

EP 3619042 A1 20200311 (DE)

Application

EP 18719175 A 20180424

Priority

- AT 503722017 A 20170505
- AT 506222017 A 20170725
- EP 2018060462 W 20180424

Abstract (en)

[origin: US2020122439A1] A recyclable, easily tearable packaging laminate having a good barrier effect, including a first laminate layer and a second laminate layer. The the first laminate layer is a co-extruded, in the machine direction stretched composite consisting of a substrate layer having a high HDPE content of at least 60% by volume, a bonding layer and a barrier layer consisting of a barrier polymer, preferably polyamide or ethylene vinyl alcohol copolymer, having a maximum thickness of 20% of the overall thickness of the first laminate layer. The bonding layer is arranged between the substrate layer and the barrier layer and the first laminate layer is connected on the barrier layer thereof to the second laminate layer.

IPC 8 full level

B32B 27/08 (2006.01); **B32B 27/30** (2006.01); **B32B 27/32** (2006.01); **B32B 27/34** (2006.01)

CPC (source: AT EP RU US)

B32B 7/12 (2013.01 - EP); **B32B 27/08** (2013.01 - AT EP RU US); **B32B 27/16** (2013.01 - EP); **B32B 27/18** (2013.01 - EP); **B32B 27/20** (2013.01 - EP); **B32B 27/306** (2013.01 - EP); **B32B 27/308** (2013.01 - EP); **B32B 27/32** (2013.01 - AT EP US); **B32B 27/325** (2013.01 - EP); **B32B 27/327** (2013.01 - EP); **B32B 27/34** (2013.01 - EP); **B32B 27/36** (2013.01 - EP); B32B 7/12 (2013.01 - US); B32B 27/306 (2013.01 - US); B32B 27/34 (2013.01 - US); B32B 2250/04 (2013.01 - EP); B32B 2250/05 (2013.01 - EP); B32B 2250/24 (2013.01 - EP); B32B 2250/40 (2013.01 - EP); B32B 2255/10 (2013.01 - EP); B32B 2255/20 (2013.01 - EP); B32B 2255/205 (2013.01 - EP); B32B 2255/26 (2013.01 - EP); B32B 2307/31 (2013.01 - EP); B32B 2307/4023 (2013.01 - EP); B32B 2307/412 (2013.01 - EP); B32B 2307/514 (2013.01 - US); B32B 2307/516 (2013.01 - EP); B32B 2307/54 (2013.01 - EP); B32B 2307/558 (2013.01 - EP); B32B 2307/582 (2013.01 - EP); B32B 2307/7242 (2013.01 - EP); B32B 2307/7244 (2013.01 - EP); B32B 2307/7248 (2013.01 - EP); B32B 2307/732 (2013.01 - EP); B32B 2307/746 (2013.01 - EP); B32B 2439/46 (2013.01 - EP US); B32B 2439/70 (2013.01 - EP US); B32B 2553/00 (2013.01 - EP); B32B 2597/00 (2013.01 - EP)

Citation (search report)

See references of WO 2018202479A1

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

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US 2020122439 A1 20200423; AT 519866 A4 20181115; AT 519866 B1 20181115; BR 112019022614 A2 20200519; CA 3062387 A1 20191104; CN 110582399 A 20191217; CN 110582399 B 20220401; EP 3619042 A1 20200311; JP 2020519487 A 20200702; JP 7145879 B2 20221003; MX 2019013141 A 20191216; RU 2019139383 A 20210608; RU 2019139383 A3 20210630; RU 2764100 C2 20220113

DOCDB simple family (application)

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