

Title (en)
BAG

Title (de)
SACK

Title (fr)
SAC

Publication
EP 3107816 B1 20180509 (DE)

Application
EP 15717616 A 20150219

Priority
• DE 102014002411 A 20140220
• IB 2015000419 W 20150219

Abstract (en)
[origin: WO2015125018A1] In a bag with a jacket wall composed of at least two layers closed in each case by means of a longitudinal adhesive seam to form a tube and having two front ends, and with folded bottoms closing the bag at the front ends, and with a filling opening for introducing a filling material, wherein the jacket wall has at least one paper layer and the at least one paper layer at least largely determines the load-bearing capability with filled weight and the mechanical stability of the bag, the usefulness of the bag is improved by the fact that the jacket wall has, on its outside, a layer of a plastic film with a thickness of 60 µm or less, which surrounds the at least one paper layer and protects it from moisture and, in an area of overlapping ends, has adhesion points (K) between which air removal paths (Z) are formed.

IPC 8 full level
B65D 30/08 (2006.01); **B65D 30/20** (2006.01); **B65D 30/24** (2006.01); **B65D 33/01** (2006.01)

CPC (source: EP RU US)
B65D 31/04 (2013.01 - RU US); **B65D 31/10** (2013.01 - RU US); **B65D 31/14** (2013.01 - EP RU US); **B65D 33/01** (2013.01 - EP US)

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

DOCDB simple family (publication)
DE 102014002411 A1 20150820; DK 3107816 T3 20180813; EP 3107816 A1 20161228; EP 3107816 B1 20180509; ES 2683521 T3 20180926; HR P20181262 T1 20190405; HU E041682 T2 20190528; JP 2017507088 A 20170316; JP 6509891 B2 20190508; MX 2016010630 A 20170530; MX 369269 B 20191104; MY 179004 A 20201026; NO 2768978 T3 20180421; PL 3107816 T3 20181231; RS 58473 B1 20190430; RU 2016137317 A 20180321; RU 2016137317 A3 20180830; RU 2682428 C2 20190319; SI 3107816 T1 20190329; UA 120430 C2 20191210; US 2017057698 A1 20170302; US 9873553 B2 20180123; WO 2015125018 A1 20150827

DOCDB simple family (application)
DE 102014002411 A 20140220; DK 15717616 T 20150219; EP 15717616 A 20150219; ES 15717616 T 20150219; HR P20181262 T 20180802; HU E15717616 A 20150219; IB 2015000419 W 20150219; JP 2016553517 A 20150219; MX 2016010630 A 20150219; MY PI2016703003 A 20150219; NO 12787077 A 20121018; PL 15717616 T 20150219; RS P20180923 A 20150219; RU 2016137317 A 20150219; SI 201530350 T 20150219; UA A201609666 A 20150219; US 201515119916 A 20150219