

Title (en)
BOTTOM-GUSSETED PACKAGE AND METHOD

Title (de)
BODENFALTENVERPACKUNG UND VERFAHREN

Title (fr)
EMBALLAGE À FOND À SOUFFLET ET PROCÉDÉ

Publication
EP 3049344 A4 20170906 (EN)

Application
EP 14846371 A 20140922

Priority

- US 201314034154 A 20130923
- US 201414266477 A 20140430
- US 2014056729 W 20140922

Abstract (en)
[origin: CA2924351A1] A bottom-gusseted package comprises a package body, and a bottom gusset positioned transversely of a longitudinal axis of the package body. Formation of the bottom-gusseted package is effected by positioning individual sleeves transversely of the longitudinal axis of a flexible web which forms the package body. During package formation, the flexible web is cut to form individual packages, with each individual sleeve positioned to form a bottom gusset in a respective package. Optionally, the individual sleeve portions can be configured such that when the flexible web is cut to form individual packages, and each individual sleeve is be cut to form a bottom gusset in one package, and a top sleeve portion in an adjacent package.

IPC 8 full level
B65D 30/16 (2006.01); **B31B 50/02** (2017.01); **B31B 50/16** (2017.01); **B31B 50/64** (2017.01); **B31B 70/84** (2017.01); **B31B 70/14** (2017.01); **B31B 70/26** (2017.01); **B31B 70/64** (2017.01); **B31B 155/00** (2017.01); **B31B 160/20** (2017.01); **B65D 33/18** (2006.01); **B65D 75/00** (2006.01)

CPC (source: EP US)
B31B 70/008 (2017.08 - EP US); **B65D 33/18** (2013.01 - EP); **B65D 33/2525** (2013.01 - EP); **B65D 33/2533** (2013.01 - EP); **B65D 75/008** (2013.01 - EP); **B31B 70/642** (2017.08 - EP); **B31B 70/8133** (2017.08 - EP); **B31B 2155/00** (2017.08 - EP); **B31B 2155/0012** (2017.08 - EP); **B31B 2160/20** (2017.08 - EP)

Citation (search report)

- [X] WO 2012099197 A1 20120726 - KODAMA SANGYO CO LTD [JP], et al
- [X] JP 2004292028 A 20041021 - ONUMA KOJI
- [X] US 6719678 B1 20040413 - STERN RAN [IL]

Citation (examination)

- EP 0302144 A2 19890208 - MINIGRIP EUROPE GMBH [DE]
- US 2004131283 A1 20040708 - SPRAGUE PAUL A [US], et al
- US 2005078891 A1 20050414 - EGGERMONT PHILIPPE [FR]
- See also references of WO 2015042505A1

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 202014009871 U1 20150128; AU 2014321228 A1 20160407; AU 2014321228 B2 20180308; AU 2014321228 C1 20210401; BR 112016006331 A2 20170801; CA 2924351 A1 20150326; CA 2924351 C 20211026; CN 105658532 A 20160608; EP 3049344 A1 20160803; EP 3049344 A4 20170906; EP 3502004 A1 20190626; EP 3502004 B1 20220316; ES 2910057 T3 20220511; JP 2016533932 A 20161104; JP 6526016 B2 20190605; MX 2016003682 A 20160516; NZ 717988 A 20210625; WO 2015042505 A1 20150326; ZA 201601921 B 20170628

DOCDB simple family (application)
DE 202014009871 U 20140922; AU 2014321228 A 20140922; BR 112016006331 A 20140922; CA 2924351 A 20140922; CN 201480058139 A 20140922; EP 14846371 A 20140922; EP 19157063 A 20140922; ES 19157063 T 20140922; JP 2016544044 A 20140922; MX 2016003682 A 20140922; NZ 71798814 A 20140922; US 2014056729 W 20140922; ZA 201601921 A 20160318