

Title (en)
COMPOSITE PACKAGE, AND PACKAGE LAMINATE AND PACKAGE JACKET BLANK FOR A COMPOSITE PACKAGE

Title (de)
VERBUNDPACKUNG, PACKUNGSLAMINAT UND PACKUNGSMANTELROHLING FÜR EINE VERBUNDPACKUNG

Title (fr)
EMBALLAGE COMPOSITE, LAMINAT D'EMBALLAGE ET EBAUCHE D'ENVELOPPE D'EMBALLAGE POUR UN EMBALLAGE COMPOSITE

Publication
EP 3228552 B1 20190327 (DE)

Application
EP 16020106 A 20160404

Priority
EP 16020106 A 20160404

Abstract (en)
[origin: WO2017174210A1] The invention relates to a composite packaging (P), in particular a cardboard beverage packaging for liquid food, at least partly consisting of a packaging laminate (L) and comprising a packaging main part (1) which has packaging edges (5); an at least partly angular packaging base (2); and an at least partly angular packaging gable (3). Ideally, the packaging main part (1) defines a packaging front face (PV), a packaging rear face (PH), and at least two lateral packaging faces (PS) which adjoin the packaging rear face (PH). The invention also relates to a packaging laminate (L) and to a packaging casing blank (M) for producing such a composite packaging (P). The aim of the invention is to improve the handling and ergonomics for a packaging which is easy to produce. This is achieved in that the packaging front face (PV) has a positive protuberance (10) at least in some sections, each protuberance transitioning into a lateral packaging face (PS), and a grip panel (11) is formed at least in some sections in the region of the packaging rear face (PH).

IPC 8 full level
B65D 5/02 (2006.01); **B65D 5/06** (2006.01); **B65D 5/46** (2006.01)

CPC (source: CN EP US)
B65D 3/08 (2013.01 - CN); **B65D 3/20** (2013.01 - CN); **B65D 5/0209** (2013.01 - CN EP US); **B65D 5/029** (2013.01 - EP); **B65D 5/064** (2013.01 - CN EP US); **B65D 5/4266** (2013.01 - US); **B65D 5/46072** (2013.01 - EP); **B65D 5/746** (2013.01 - CN US); **B65D 65/40** (2013.01 - US)

Citation (opposition)
Opponent : TETRA LAVAL HOLDINGS & FINANCE S.A.

- EP 1338521 A1 20030827 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- WO 2011064536 A2 20110603 - ELOPAK SYSTEMS AG [CH], et al
- EM 11700390002 S
- CN 201030154036 F
- IT 80544 S
- US D473464 S 20030422 - ANCHOR DAVID [US], et al
- EM 13832100019 S
- EP 2392517 A1 20111207 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- EM 11700390001 S
- EM 11700390003 S
- WO 2006000285 A1 20060105 - HENKEL KGAA [DE], et al
- EP 0277673 A1 19880810 - SHIKOKU KAKOKI CO LTD [JP]
- WO 2005090168 A1 20050929 - SIG TECHNOLOGY AG [CH], et al
- CARTON COUNCIL SPEAKS ON INCREASED RECYCLING OPPORTUNITIES, 25 July 2014 (2014-07-25)
- 1 February 2016 (2016-02-01), Retrieved from the Internet <URL:www.silk.com/products>
- "Portion package for pourable food products", RESEARCH DISCLOSURE, vol. 414, no. 41, 1 October 1998 (1998-10-01), XP000824919, ISSN: 0374-4353

Cited by
DE102019134111A1; DE102019134110A1; WO2019042942A1

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)
EP 3228552 A1 20171011; EP 3228552 B1 20190327; AU 2017247389 A1 20181004; AU 2023200997 A1 20230323; BR 112018069969 A2 20190129; BR 112018069969 A8 20230103; CN 107264910 A 20171020; CN 107264910 B 20210528; CN 206782263 U 20171222; ES 2724398 T3 20190910; JP 2019510698 A 20190418; JP 6968816 B2 20211117; MX 2018011387 A 20190213; PL 3228552 T3 20190830; US 11465799 B2 20221011; US 2019337667 A1 20191107; WO 2017174210 A1 20171012

DOCDB simple family (application)
EP 16020106 A 20160404; AU 2017247389 A 20170403; AU 2023200997 A 20230221; BR 112018069969 A 20170403; CN 201710210497 A 20170331; CN 201720333792 U 20170331; EP 2017025072 W 20170403; ES 16020106 T 20160404; JP 2018551955 A 20170403; MX 2018011387 A 20170403; PL 16020106 T 20160404; US 201716087874 A 20170403