

Title (en)

Method and device for producing tear-open lids

Title (de)

Verfahren und Vorrichtung zur Herstellung von Aufreissdeckeln

Title (fr)

Procédé et dispositif destinés à la fabrication de couvercles à ouverture facile

Publication

EP 2208554 A3 20110216 (DE)

Application

EP 10000342 A 20100115

Priority

CH 612009 A 20090116

Abstract (en)

[origin: EP2208554A2] The method involves supplying a strip from tear-open foil material. A foil section (25) is punched out from the strip with a tear-open flap (29). An adhesive surface (30) is applied on the strip before the punching out of the foil section, when tear-open lids (28) of the bent tear-open flap come out. An independent claim is also included for a tear-open lid manufacturing device.

IPC 8 full level

B21D 51/38 (2006.01); **B21D 51/44** (2006.01); **B65D 17/50** (2006.01)

CPC (source: EP US)

B21D 51/38 (2013.01 - EP US); **B21D 51/44** (2013.01 - EP US); **B21D 51/443** (2013.01 - EP US); **B65D 17/502** (2013.01 - EP US); **B65D 2517/5083** (2013.01 - EP US)

Citation (search report)

- [XAI] EP 1386852 A1 20040204 - CROWN CORK & SEAL TECH CORP [US]
- [IA] DE 102007017339 A1 20080521 - ZWEIGNIEDERLASSUNG DER HUHTAMAKI DEUTSCHLAND GMBH & CO. KG
- [IA] US 4741450 A 19880503 - BRAUDE ELTON [US]
- [E] EP 2184238 A1 20100512 - NAROSKA MARCUS [DE]
- [A] WO 9935045 A1 19990715 - DISPENSING CONTAINERS CORP [US], et al

Cited by

WO2012129710A1; CH704695A1; CN103459061A; US9968983B2; WO2012143322A1; US9308712B2

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2208554 A2 20100721; **EP 2208554 A3 20110216**; **EP 2208554 B1 20120307**; AT E548138 T1 20120315; CH 700257 A1 20100730; CH 700263 A1 20100730; ES 2379859 T3 20120504; PT 2208554 E 20120530; US 2010183406 A1 20100722

DOCDB simple family (application)

EP 10000342 A 20100115; AT 10000342 T 20100115; CH 12492009 A 20090812; CH 612009 A 20090116; ES 10000342 T 20100115; PT 10000342 T 20100115; US 68792310 A 20100115