

Title (en)

ARRANGEMENT FOR FORMING A BAND LOOP AND PROCESS AND APPARATUS FOR PRODUCING TEAR-OPEN LIDS

Title (de)

ANORDNUNG ZUR BILDUNG EINER BANDSCHLAUFE UND VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON AUFREISSDECKELN

Title (fr)

SYSTÈME POUR FORMER UNE BOUCLE DE BANDE ET PROCÉDÉ ET DISPOSITIF POUR LA FABRICATION DE COUVERCLES À ARRACHER

Publication

**EP 2558231 A1 20130220 (DE)**

Application

**EP 11715154 A 20110404**

Priority

- CH 5312010 A 20100413
- CH 2011000071 W 20110404

Abstract (en)

[origin: WO2011127613A1] When handling a foil band (6) which is to be uncoiled from a delivery spool (2) and is drawn in gradually by a drawing-in device (4), a foil band loop (7) is produced. In order that this can take place without any errors with high production cadences, provision is made of an arrangement (1) in which a hollow cylinder (10) rests loosely on the band with a limited freedom of movement so as to form the band loop. Such an arrangement is preferably provided for the production of tear-open lids, in which a foil band is uncoiled from a band delivery spool and fed to a stamping and sealing station.

IPC 8 full level

**B21D 43/02** (2006.01); **B21D 43/12** (2006.01); **B21D 51/44** (2006.01)

CPC (source: EP US)

**B21D 43/022** (2013.01 - EP US); **B21D 43/12** (2013.01 - EP US); **B21D 51/443** (2013.01 - EP US); **B21D 51/446** (2013.01 - EP US)

Citation (search report)

See references of WO 2011127613A1

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)

**CH 702938 A1 20111014**; CN 102958625 A 20130306; CN 102958625 B 20150415; EP 2558231 A1 20130220; EP 2558231 B1 20150603; ES 2539718 T3 20150703; PT 2558231 E 20150721; TW 201206771 A 20120216; TW I531510 B 20160501; US 2013028685 A1 20130131; WO 2011127613 A1 20111020

DOCDB simple family (application)

**CH 5312010 A 20100413**; CH 2011000071 W 20110404; CN 201180018607 A 20110404; EP 11715154 A 20110404; ES 11715154 T 20110404; PT 11715154 T 20110404; TW 100112537 A 20110412; US 201113639679 A 20110404