

Title (en)

METHOD, APPARATUS, AND BLANK FOR FORMING A CONTAINER WITH ROUNDED EDGES

Title (de)

VERFAHREN, VORRICHTUNG UND ROHLING ZUR BILDUNG EINES BEHÄLTERS MIT ABGERUNDETEN KANTEN

Title (fr)

PROCÉDÉ, APPAREIL ET ÉBAUCHE POUR LA FORMATION D'UN RÉCIPIENT AUX BORDS ARRONDIS

Publication

EP 2925515 A1 20151007 (EN)

Application

EP 13792705 A 20131121

Priority

- EP 12194567 A 20121128
- EP 2013074384 W 20131121
- EP 13792705 A 20131121

Abstract (en)

[origin: EP2737994A1] The invention provides a blank (1) for forming a container having a curved or rounded edge, and comprises: a plurality of substantially linear grooves (5) formed in a region (2) of the blank (1) intended to form the rounded edge, the grooves (5) extending substantially parallel to one another and being debossed into a first surface or face (6) of the blank (1) that forms an inner surface of the rounded edge. Furthermore, an opposite or reverse surface or face (7) of the blank (1) in this region (2) is substantially smooth. The invention also provides a method and apparatus for forming a curved or rounded edge in a container made from a flat blank.

IPC 8 full level

B31B 1/26 (2006.01); **B31B 50/25** (2017.01); **B31B 50/88** (2017.01); **B31F 1/00** (2006.01)

CPC (source: EA EP)

B31F 1/0012 (2013.01 - EA EP); **B31B 50/26** (2017.07 - EA EP); **B31B 2100/00** (2017.07 - EA EP); **B31B 2110/30** (2017.07 - EA EP); **B31B 2241/003** (2013.01 - EP)

Citation (search report)

See references of WO 2014082917A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2737994 A1 20140604; EA 032861 B1 20190731; EA 201591033 A1 20160129; EP 2925515 A1 20151007; EP 2925515 B1 20200923; JP 2016503361 A 20160204; JP 6322645 B2 20180509; PL 2925515 T3 20210406; WO 2014082917 A1 20140605

DOCDB simple family (application)

EP 12194567 A 20121128; EA 201591033 A 20131121; EP 13792705 A 20131121; EP 2013074384 W 20131121; JP 2015544414 A 20131121; PL 13792705 T 20131121