

Title (en)

APPARATUS FOR FORMING A CARTON BLANK TO A BOX

Title (de)

EINRICHTUNG ZUM FORMEN EINES FLACHZUSCHNITTS ZU EINEM BEHÄLTER

Title (fr)

INSTALLATION POUR TRANSFORMER UN FLAN EN CARTON EN UNE BOITE

Publication

**EP 2673134 B1 20150128 (DE)**

Application

**EP 12708764 A 20120131**

Priority

- DE 102011004004 A 20110211
- EP 2012051501 W 20120131

Abstract (en)

[origin: WO2012107317A1] In a device for shaping a flat blank (46) made of cardboard into a container (48), comprising a shaping tool (50) and a ram (10) which can be moved in a primary shaping direction (z) into the shaping tool (50) so as to erect the flat blank by means of the shaping tool (50), at least two lateral walls (18) which can be pivoted about a respective pivot axis (s) located transversely relative to the primary shaping direction (z) are hinged to the ram (10), whereby a main surface defined by the free end edges (19) of the lateral walls (18) can be adjusted. In order to carry out a pivoting motion, the lateral walls (18) are seated in a non-positively sliding manner against wedge elements (28) by means of pretensioned spring elements (22, 24), the wedge elements being displaceable in the primary shaping direction (z).

IPC 8 full level

**B31B 1/00** (2006.01)

CPC (source: EP US)

**B31B 50/00** (2017.07 - EP US); **B65D 1/22** (2013.01 - US); **B31B 50/44** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2110/35** (2017.07 - EP US)

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)

**WO 2012107317 A1 20120816**; CA 2826244 A1 20120816; CA 2826244 C 20180529; CN 103370189 A 20131023; CN 103370189 B 20160427; DE 102011004004 A1 20120816; EP 2673134 A1 20131218; EP 2673134 B1 20150128; ES 2530176 T3 20150226; US 2013324385 A1 20131205; US 9604748 B2 20170328

DOCDB simple family (application)

**EP 2012051501 W 20120131**; CA 2826244 A 20120131; CN 201280008220 A 20120131; DE 102011004004 A 20110211; EP 12708764 A 20120131; ES 12708764 T 20120131; US 201213984891 A 20120131