

Title (en)

Device to produce rotating chamfers on flat printed goods

Title (de)

Vorrichtung zum rotativen Rillen von flächigen Druckerzeugnissen

Title (fr)

Dispositif destiné au rainurage rotatif de produits d'impression plats

Publication

**EP 2050702 A3 20091216 (DE)**

Application

**EP 08017348 A 20081002**

Priority

DE 102007049636 A 20071017

Abstract (en)

[origin: EP2050702A2] The device has a pair of grooving tools (11.1, 11.2) consisting of a groove knife (12) and a groove matrix (13). The grooving tools are arranged on two grooving shafts that are arranged parallel to one another and driven in opposite directions. A pair of transport rollers (30) is arranged axially adjacent to the pair of grooving tools, and consists of two transport rollers (31, 32) for clamping a sheet. The transport roller (31) is arranged on a groove shaft (14.1), and the transport roller (32) is supported independently of the grooving tools.

IPC 8 full level

**B31B 50/25** (2017.01); **B65H 45/30** (2006.01)

CPC (source: EP US)

**B31F 1/10** (2013.01 - EP US); **B65H 45/30** (2013.01 - EP US); **B65H 2404/143** (2013.01 - EP US); **B65H 2404/1431** (2013.01 - EP US); **B65H 2404/144** (2013.01 - EP US); **B65H 2404/1442** (2013.01 - EP US); **Y10T 83/0348** (2015.04 - EP US); **Y10T 83/0363** (2015.04 - EP US); **Y10T 83/037** (2015.04 - EP US); **Y10T 83/0378** (2015.04 - EP US); **Y10T 83/2103** (2015.04 - EP US)

Citation (search report)

- [XP] EP 1911708 A2 20080416 - BOWE BELL & HOWELL CO [US]
- [X] CH 454180 A 19680415 - FERAG AG [CH]

Cited by

EP2743072A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2050702 A2 20090422; EP 2050702 A3 20091216**; DE 102007049636 A1 20090423; JP 2009096641 A 20090507; JP 5253958 B2 20130731; US 2009100978 A1 20090423; US 8196502 B2 20120612

DOCDB simple family (application)

**EP 08017348 A 20081002**; DE 102007049636 A 20071017; JP 2008268467 A 20081017; US 28761108 A 20081010