

Title (en)
Device for creating a crease line

Title (de)
Vorrichtung zur Bildung einer Rille

Title (fr)
Dispositif de création d'une rainure

Publication
EP 2127860 B1 20160330 (DE)

Application
EP 08157121 A 20080528

Priority
EP 08157121 A 20080528

Abstract (en)
[origin: EP2127860A1] The device (1) has two circular grooving elements rotating and moving in opposite directions around parallel axles, where a single-laminated or multi-laminated sheet runs to an annular gap between the grooving elements. One of the grooving elements is designed as a grooving knife (5) with a boundary region (11) and other grooving organ is designed as a grooving ambo (6). The grooving knife is formed by measuring edges (13) of a separating intermediate gap (12), where the measuring edges are arranged at a distance in the boundary region and are formed in a pointed-angular manner.

IPC 8 full level
B31B 50/25 (2017.01); **B31F 1/10** (2006.01)

CPC (source: EP US)
B26D 3/06 (2013.01 - EP US); **B31F 1/10** (2013.01 - EP US); **B31B 50/254** (2017.07 - EP US); **B31B 50/256** (2017.07 - EP US); **Y10T 83/0215** (2015.04 - EP US); **Y10T 83/0304** (2015.04 - EP US); **Y10T 83/0341** (2015.04 - EP US); **Y10T 83/037** (2015.04 - EP US); **Y10T 83/148** (2015.04 - EP US)

Cited by
EP2957509A1; RU2694911C2; US11008133B2; WO2015193354A1

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

DOCDB simple family (publication)
EP 2127860 A1 20091202; EP 2127860 B1 20160330; JP 2009286124 A 20091210; US 2009293699 A1 20091203; US 2013291703 A1 20131107; US 8844419 B2 20140930

DOCDB simple family (application)
EP 08157121 A 20080528; JP 2009127430 A 20090527; US 201313939846 A 20130711; US 47084709 A 20090522