

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 axes, 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

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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

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**EP 08157121 A 20080528**; JP 2009127430 A 20090527; US 201313939846 A 20130711; US 47084709 A 20090522