Title (en)

Device for breaking webs, which connect adjacent edges of a blank along a cutting line

Title (de)

Vorrichtung zum Durchbrechen von Stegen, die entlang einer Schnittlinie die benachbarten Kanten eines Zuschnitts zusammenhalten

Title (fr)

Appareil pour le percement des passerelles liant des arêtes adjacents d'une pièce découpée

Publication

EP 2407286 A3 20120523 (DE)

Application

EP 11169911 A 20110615

Priority

DE 102010027120 A 20100714

Abstract (en)

[origin: EP2407286A2] The device (2) has a rectangular shaft (7) extended toward a blank transport plane over entire path and rotatably supported at sidewalls of the device at two sides of a case conveying path. A finger-shaped stripping tool (9) is attached at the shaft, and is adjusted transversely. The shaft is arranged below the blank transport plane. Rigid suppression elements (13) for a case blank (5) are arranged above the blank transport plane and freely positioned. The shaft is driven by a servo motor (8). A sensor (15) and the servo motor are connected by a programmable control. An independent claim is also included for a method for breaking bars.

IPC 8 full level

B26D 5/32 (2006.01); **B26D 5/34** (2006.01); **B26D 7/06** (2006.01); **B26D 7/18** (2006.01); **B26F 3/00** (2006.01); **B31B 1/20** (2006.01); **B31B 1/26** (2006.01); **B31B 50/20** (2017.01)

CPC (source: EP)

B26D 5/32 (2013.01); **B26D 5/34** (2013.01); **B26D 7/1818** (2013.01); **B26F 3/00** (2013.01); B26D 2007/1872 (2013.01); B31B 50/20 (2017.07); B31B 50/26 (2017.07)

Citation (search report)

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- [YDA] EP 1961526 A1 20080827 - HEIDELBERGER DRUCKMASCH AG [DE] & WO 9962700 A1 19991209 - JAGENBERG DIANA GMBH [DE], et al
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Cited by

CN110920140A; EP2407286B1

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 2407286 A2 20120118; **EP 2407286 A3 20120523**; **EP 2407286 B1 20170412**; CN 102336033 A 20120201; CN 102336033 B 20140820; DE 102010027120 A1 20120119

DOCDB simple family (application)

EP 11169911 A 20110615; CN 201110193814 A 20110705; DE 102010027120 A 20100714