

Title (en)

Device for a press for forming of a sheet-metal with a deformable section towards an undercut-shape separated from the device

Title (de)

Vorrichtung für eine Presse zum Formen eines Blechteiles mit einem als Hinterschnitt gesondert in der Vorrichtung ausformbaren Abschnitt

Title (fr)

Dispositif pour une presse pour le façonnage d'une tôle avec une section deformable contre une forme avec une contre-dépouille séparée du dispositif

Publication

**EP 1698409 A1 20060906 (DE)**

Application

**EP 06001680 A 20060127**

Priority

DE 102005009416 A 20050302

Abstract (en)

The rotary packing slide (8) includes planar resting surfaces (11). When this slide turns from the release position into the extraction position (10), these rests (11) contact similarly plane-faced support surfaces in the packing slide recess (13). A notional line (16) from the rotary slide axis (15) touches the leading edge of each of its rests. This line makes an angle of at least 90[deg], especially 92-95[deg], with the resting surface.

IPC 8 full level

**B21D 22/02** (2006.01); **B21D 5/04** (2006.01); **B21D 22/04** (2006.01); **B21D 22/08** (2006.01)

CPC (source: EP)

**B21D 19/082** (2013.01); **B21D 22/02** (2013.01); **B21D 22/08** (2013.01)

Citation (applicant)

- EP 0699489 B1 19990120 - UMIX CO LTD [JP]
- US 6523386 B2 20030225 - MATSUOKA MITSUO [JP]

Citation (search report)

- [XAY] EP 1074319 A2 20010207 - YOURBUSINESS CO LTD [JP], et al
- [YD] US 2002121122 A1 20020905 - MATSUOKA MITSUO [JP]
- [YD] EP 0699489 A1 19960306 - UMIX CO LTD [JP]

Cited by

KR100748672B1; CN106102946A; EP2058061A1; RU176134U1; CN108971282A; US10207307B2; WO2015193063A1

Designated contracting state (EPC)

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