

Title (en)

Press for cutting high strength metal sheets

Title (de)

Presse zum Schneiden von hochfesten Blechen

Title (fr)

Presse pour découper des tôles de haute résistance

Publication

**EP 1602419 B1 20100623 (DE)**

Application

**EP 05010716 A 20050518**

Priority

- DE 102004027017 A 20040602
- DE 102005021028 A 20050506

Abstract (en)

[origin: EP1602419A1] The press, especially for the stamping of sheet metal, has a press frame with a press platten to hold a bottom tool (12) and in which a plunger (9) is movably mounted and communicates with a drive unit and supports an upper tool (11). A controllable sheet holding device (21) presses against the bottom tool during the forming process and is supported by one end on the plunger and by its other end on the workpiece. The sheet holding device has a control unit which influences the force exerted by the sheet holding device acting between the plunger and the workpiece.

IPC 8 full level

**B21D 28/20** (2006.01); **B21D 24/10** (2006.01)

CPC (source: EP)

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Cited by

CN102612415A; CN113415779A; EP1782897A3; DE102006039463A1; DE102014111241A1; US9050644B2; WO2008022607A1; WO2011038947A1; EP1782897A2; US8302517B2

Designated contracting state (EPC)

DE ES FR IT

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