

Title (en)

Press with cutting shocks damping.

Title (de)

Presse mit Schnittschlagdämpfung

Title (fr)

Presse avec amortissement des chocs de coupe.

Publication

EP 1782897 B1 20140820 (DE)

Application

EP 06015118 A 20060720

Priority

DE 102005053350 A 20051107

Abstract (en)

[origin: EP1782897A2] The press (1) has a sheet holding device clamping the workpiece firmly during the stamping process, at a force 40% or more higher than the slide force. The power exerted can be further increased during the workpiece breakthrough. The raising of the clamping force should preferably be controlled on the basis of the pressing angle.

IPC 8 full level

B21D 28/20 (2006.01)

CPC (source: EP US)

B21D 28/20 (2013.01 - EP US); **Y10T 83/04** (2015.04 - EP US); **Y10T 83/162** (2015.04 - EP US); **Y10T 83/2153** (2015.04 - EP US); **Y10T 83/9423** (2015.04 - EP US); **Y10T 83/9428** (2015.04 - EP US); **Y10T 83/9454** (2015.04 - EP US)

Cited by

CN102612415A; CN114571523A; WO2017100810A1

Designated contracting state (EPC)

DE ES FR IT SK

DOCDB simple family (publication)

EP 1782897 A2 20070509; **EP 1782897 A3 20080521**; **EP 1782897 B1 20140820**; DE 102005053350 A1 20070510; ES 2507068 T3 20141014; US 2007101841 A1 20070510; US 8302517 B2 20121106

DOCDB simple family (application)

EP 06015118 A 20060720; DE 102005053350 A 20051107; ES 06015118 T 20060720; US 59305506 A 20061106