

Title (en)
Press or punching machine

Title (de)
Presse oder Stanze

Title (fr)
Presse ou poinçonneuse

Publication
EP 1410858 B1 20070905 (DE)

Application
EP 03020794 A 20030912

Priority
DE 10247782 A 20021014

Abstract (en)
[origin: EP1410858A1] Press (1) or punch comprises a press frame (2) having at least two press frame sections (3, 4) arranged a distance apart and between which a press plunger (5) is arranged for carrying out a pressing process, and a device for transferring workpieces between pressing regions (6). The device has a holding device (29, 30) for workpieces, preferably in the form of a gripping device, and at least one drive device (7, 8) for moving the holding device. The drive device has at least one magnetic linear drive. At least one of the drive devices is arranged at least in sections on the side (33) of one of the press frame sections facing away from the press plunger. Preferred Features: Several drive devices are provided.

IPC 8 full level
B21D 43/05 (2006.01)

CPC (source: EP)
B21D 43/055 (2013.01)

Citation (examination)
• DE 4443546 A1 19960613 - ERFURT UMFORMTECHNIK GMBH [DE]
• DE 20020855 U1 20010308 - BLECHFORMWERKE BERNSBACH GMBH [DE]
• JP 2002102964 A 20020409 - HITACHI Zosen FUKUI CORP

Cited by
DE102018131932B3; CN109692917A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1410858 A1 20040421; EP 1410858 B1 20070905; AT E372179 T1 20070915; DE 10247782 A1 20040422; DE 50308101 D1 20071018; ES 2292892 T3 20080316; SI 1410858 T1 20080229

DOCDB simple family (application)
EP 03020794 A 20030912; AT 03020794 T 20030912; DE 10247782 A 20021014; DE 50308101 T 20030912; ES 03020794 T 20030912; SI 200331035 T 20030912