

Title (en)

Press, punch press or forming apparatus

Title (de)

Press-, Stanz- oder Umformautomat

Title (fr)

Presse, presse de poinçonnage ou dispositif de formage

Publication

EP 1650015 A1 20060426 (DE)

Application

EP 04025331 A 20041025

Priority

EP 04025331 A 20041025

Abstract (en)

The machine has a lever gear with a pair of connecting rods (37, 38) that are flexibly connected with a connection rod (35) at an eccentric shaft on one side and with pushing units by respective crank stilts (42, 43) on other side, where the pushing units have an adjusting unit (55). The stilts are flexibly held at an upper part (13) of a frame (11) in the area between the respective connecting rods and units by supporting rods (45, 46).

IPC 8 full level

B30B 1/14 (2006.01); **B30B 1/10** (2006.01); **B30B 15/00** (2006.01); **B30B 15/04** (2006.01)

CPC (source: EP)

B30B 1/106 (2013.01); **B30B 1/14** (2013.01); **B30B 15/0064** (2013.01); **B30B 15/041** (2013.01)

Citation (search report)

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- [AY] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 08 29 September 1995 (1995-09-29)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 10 17 November 2000 (2000-11-17)

Citation (examination)

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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 PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

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