

Title (en)

DEVICE FOR EJECTING THE PRESSED PIECES FROM THE DIE IN A METAL-FORMING PRESS

Publication

EP 0161643 A3 19880427 (DE)

Application

EP 85105749 A 19850510

Priority

DE 3418508 A 19840518

Abstract (en)

[origin: US4635463A] An arrangement for ejecting formed parts out of the matrix of a deformation press, in which for avoiding jamming of the segment of an ejection arrangement, which is displaceably and fixedly supported at the guidance in the shape of a circular arc of the driving lever, the mutually contacting surfaces are made according to different radial dimensions whereby the radial dimension of the counterabutment surface of the segment is slightly smaller than the radial dimension of the abutment surface of the driving lever. Clamping elements constructed as pressure cylinders serve for fixing the segment at the driving lever in a position adjustable by an adjusting mechanism; the clamping elements are installed in the segment spaced from one another in the direction of the longitudinal dimension of the circular arcuate guidance.

IPC 1-7

B30B 15/32; **B21J 13/14**

IPC 8 full level

B21J 13/14 (2006.01); **B30B 15/32** (2006.01)

CPC (source: EP US)

B21J 13/14 (2013.01 - EP US); **B30B 15/32** (2013.01 - EP US); **Y10T 403/1633** (2015.01 - EP US)

Citation (search report)

- [A] EP 0041633 A2 19811216 - SCHULER GMBH L [DE]
- [A] DE 2845092 A1 19800424 - BECHE & GROHS GMBH
- [AD] DE 2028963 A1 19711216
- [A] US 4075923 A 19780228 - LATHAM RAYMOND E

Designated contracting state (EPC)

BE CH DE LI NL

DOCDB simple family (publication)

EP 0161643 A2 19851121; **EP 0161643 A3 19880427**; **EP 0161643 B1 19910508**; DE 3418508 A1 19851121; DE 3582748 D1 19910613; US 4635463 A 19870113

DOCDB simple family (application)

EP 85105749 A 19850510; DE 3418508 A 19840518; DE 3582748 T 19850510; US 73377385 A 19850514