

Title (en)
Hydraulic press

Title (de)
Hydraulische Presse

Title (fr)
Presse hydraulique

Publication
EP 0967028 A3 20021204 (DE)

Application
EP 99890056 A 19990217

Priority
AT 37198 A 19980303

Abstract (en)
[origin: EP0967028A2] The press has a double-acting hydraulic working cylinder (3) with the larger side connected to a hydraulic tank (13) via a feeder line (12). The line contains a feeder valve (14) and a switchable adjustable throttle (15). The throttle is active during ejection of hydraulic medium from the larger cylinder side to the hydraulic tank. The feeder valve has open and closed positions, and an additional throttle position. The valve has a mechanical hydraulically operate valve stop, which permits partial opening only with constant throttle effect on the hydraulic medium.

IPC 1-7
B21D 5/02; B30B 15/18

IPC 8 full level
B21D 5/02 (2006.01)

CPC (source: EP)
B21D 5/02 (2013.01)

Citation (search report)

- [XA] US 4307654 A 19811229 - DE ALMEIDA ANTONIO A R
- [A] DE 2542665 A1 19770505 - HARTMANN & LAEMMLE KG
- [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 02 31 March 1995 (1995-03-31)

Cited by
DE102019209440B3; EP2036711A1; EP1270103A3; DE10350483A1; DE10350483B4; WO2009033199A1; US8342086B2; US11078930B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0967028 A2 19991229; **EP 0967028 A3 20021204**; **EP 0967028 B1 20040428**; AT 408851 B 20020325; AT A37198 A 20010815;
DE 59909291 D1 20040603

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