

Title (en)

Hydraulic press with automatic oil compensation

Title (de)

Hydraulischer Presse mit automatischer Ölkompensierung

Title (fr)

Presse hydraulique avec compensation d'huile automatique

Publication

EP 0833061 A1 19980401 (EN)

Application

EP 97115451 A 19970906

Priority

- IT PN960055 A 19960926
- IT PN970012 U 19970219

Abstract (en)

Hydraulic press comprising a first chamber (2/10) for the compression of the hydraulic fluid, a second working chamber, respective pistons (2/11,2/15), a sealed conduit (2/4) connecting the inner volumes of said two chambers with each other, a thrust element (2/12) adapted to press upon the piston of said first chamber, aperture (2/16) that enables the volume containing the hydraulic fluid to communicate with the outside ambient, shutting means (2/18) adapted to shut said aperture and linked with motion transmission means (2/13) that are displaceable into such distinct positions as to cause said shutting means to move into respective positions in which they fully shut and clear said aperture. The same aperture is provided both on a portion extending from said sealed conduit connecting the inner volumes of said two chambers with each other, and in the head of the piston of the hydraulic fluid compression chamber. <IMAGE>

IPC 1-7

F15B 7/08

IPC 8 full level

B30B 1/00 (2006.01); **F15B 7/10** (2006.01)

CPC (source: EP)

B30B 1/007 (2013.01); **F15B 7/10** (2013.01)

Citation (search report)

- [X] GB 542871 A 19420129 - JAMES HENRY PRATT, et al
- [A] DE 3002850 A1 19810730 - AUDI AG [DE]
- [AD] EP 0251796 A2 19880107 - LINVAL RODNEY
- [AD] WO 9425260 A1 19941110 - DANLY MICHAEL D [US], et al

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0833061 A1 19980401; **EP 0833061 B1 20011114**; AT E208857 T1 20011115; DE 69708242 D1 20011220; DE 69708242 T2 20020502; ES 2167656 T3 20020516; PT 833061 E 20020429

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