

Publication

**EP 0870929 A3 19981104**

Application

**EP 98105493 A 19980326**

Priority

DE 19715224 A 19970411

Abstract (en)

[origin: EP0870929A2] The lift has a differential ram (1) with two working chambers in a circuit containing a fluid pump (15). The circuit can be partly-closed and contain a fluid-storage tank (20). Each working chamber (23,24) can be preceded by a stop valve regulating the flow, these typically holding the load and forming a lowering brake (25,28), while a separate non-return valve (26,29) can be provided for each of these valves. The latter can be contained in a pipe (27) connecting the two working chambers of the ram (1). A further stop valve (32), particularly a (2/2-way) one, can be included, through which fluid is returned to the tank.

IPC 1-7

**F15B 7/10**; **F15B 13/01**

IPC 8 full level

**F15B 7/00** (2006.01)

CPC (source: EP)

**F15B 7/006** (2013.01); **F15B 11/003** (2013.01); **F15B 2211/20561** (2013.01); **F15B 2211/50545** (2013.01)

Citation (search report)

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- [XY] DE 4227001 A1 19940217 - REXROTH MANNESMANN GMBH [DE]
- [YA] WO 9405583 A1 19940317 - CAPTINE PTY LTD [AU], et al
- [X] FR 2671144 A1 19920703 - FAIVRE DUBOZ DENIS [FR]
- [X] DE 2356380 A1 19750515 - PEINER MASCH SCHRAUBEN
- [A] EP 0405160 A1 19910102 - ALLWEILER AG [DE]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0870929 A2 19981014**; **EP 0870929 A3 19981104**; DE 19715224 A1 19981015; DE 19715224 C2 19990415

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