

Title (en)
Electrohydraulic lifting device

Title (de)
Elektrohydraulisches Hubmodul

Title (fr)
Module de levage électrohydraulique

Publication
EP 0743459 B1 19980812 (DE)

Application
EP 96106917 A 19960502

Priority
DE 29508394 U 19950519

Abstract (en)
[origin: EP0743459A1] The lifting module has a pressure source coupled via a working line (H) to a lifting cylinder, with a 2-way regulator (B,W) inserted in a discharge line (3') between the working line and a feedback line (R). The regulator has a measuring stop (B) adjusted by a proportional magnet and a pressure balance (W) with a spring-biased regulating piston (10), displaced in opposite directions via respective control lines (4,7). A control chamber (23) of the pressure balance is coupled via a bypass channel (Y) to one control line. The mouth (28) of the bypass channel is open during the initial opening movement of the regulating piston and blocked by the latter upon further opening.

IPC 1-7
F15B 11/05; **F15B 13/01**

IPC 8 full level
B66F 9/22 (2006.01); **F15B 11/05** (2006.01); **F15B 13/01** (2006.01)

CPC (source: EP)
B66F 9/22 (2013.01); **F15B 11/05** (2013.01); **F15B 2211/40515** (2013.01); **F15B 2211/41563** (2013.01); **F15B 2211/428** (2013.01); **F15B 2211/45** (2013.01); **F15B 2211/50536** (2013.01); **F15B 2211/5157** (2013.01); **F15B 2211/528** (2013.01); **F15B 2211/6355** (2013.01); **F15B 2211/7052** (2013.01); **F15B 2211/851** (2013.01); **F15B 2211/8613** (2013.01)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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