

Title (en)
Hydraulic system

Title (de)
Hydrauliksystem

Title (fr)
Système hydraulique

Publication
EP 0793023 B1 20000927 (EN)

Application
EP 97103137 A 19970226

Priority
DE 19607479 A 19960228

Abstract (en)
[origin: EP0793023A1] A hydraulic system comprises at least one control unit (10,12) and at least one actuator (14) which is connected via conduits (16,18) to the control unit and which can be driven via the latter in reciprocating motion against and with a load acting on the actuator, in particular upwards and downwards against gravity. The system further comprises a pressure-compensating valve (78) for matching the pressure in the conduit (16), which serves as a return conduit during movement of the actuator (14) with the load, to the load pressure by replenishing the return conduit from the feed conduit (18). <IMAGE>

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F15B 13/01

IPC 8 full level
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Cited by
CN102976226A; CN104030163A; CN105298951A

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