

Title (en)
Hydraulic drive system

Title (de)
Hydraulische Betätigungsanordnung

Title (fr)
Dispositif de commande hydraulique

Publication
EP 0893605 B1 20021009 (DE)

Application
EP 98890181 A 19980624

Priority
AT 125097 A 19970723

Abstract (en)
[origin: EP0893605A1] The pressure medium pump (4) can be changed over in its delivery direction. Its two sides are connected in parallel for connection with the work cylinder (1) and also with an exchange valve (7) connected to the tank (6). In the connecting conduit (10,11), at least one of the two work chambers (2,3) to the pressure medium pump, a check valve (12,13) is connected, opening in the direction to the work chamber. The outlet side of the check valve is connected with the inlet side (18,19) of a tension valve (20,21) opening on the outlet side to the tank. The tension valve can be cut off by the pressure appertaining at the input side of the check valve.

IPC 1-7
F15B 7/00; B60J 7/057

IPC 8 full level
F15B 7/00 (2006.01); **F15B 11/00** (2006.01)

CPC (source: EP)
F15B 7/006 (2013.01); **F15B 11/003** (2013.01); **F15B 2211/20561** (2013.01)

Cited by
US8079215B2; WO2007122652A1; EP0959216A3; EP1101692A3; EP1832756A3; CN103047123A; WO0165157A1; EP1342599B2

Designated contracting state (EPC)
DE ES FR IT SE

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