

Title (en)
Hydraulic control system

Title (de)
Hydraulische Steuervorrichtung

Title (fr)
Dispositif de commande hydraulique

Publication
EP 0816690 B1 20000927 (DE)

Application
EP 97110054 A 19970619

Priority
DE 29611526 U 19960702

Abstract (en)
[origin: EP0816690A1] A feed regulator (Z) is arranged upstream of each proportional path control valve (P1,P2,P3) in a connecting conduit (7) to the pump conduit (P). It is controllable by the load pressure of the corresponding user and the feed pressure of the proportional path control valve. A three-way regulator (D) common to all users (V) is fitted between the pump conduit and the return flow conduit (R) and is controllable by the pump pressure and the highest load pressure. A damping system (C) for pressure fluctuations is arranged on the closed side of the three-way regulator in a load pressure control conduit (14). A selectively by-passable, quantity-limiting throttle (25) is installed in the pump conduit between the three-way regulator and at least one proportional path control valve of the group of users.

IPC 1-7
F15B 11/04; **B66C 13/18**

IPC 8 full level
B66C 13/18 (2006.01); **F15B 11/04** (2006.01); **F15B 11/16** (2006.01)

CPC (source: EP)
B66C 13/18 (2013.01); **F15B 11/162** (2013.01); **F15B 2211/20538** (2013.01); **F15B 2211/30535** (2013.01); **F15B 2211/30595** (2013.01); **F15B 2211/3111** (2013.01); **F15B 2211/353** (2013.01); **F15B 2211/40507** (2013.01); **F15B 2211/40515** (2013.01); **F15B 2211/426** (2013.01); **F15B 2211/45** (2013.01); **F15B 2211/473** (2013.01); **F15B 2211/6054** (2013.01); **F15B 2211/6055** (2013.01); **F15B 2211/7142** (2013.01)

Cited by
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