

Title (en)
Load-sensing circuit

Title (de)
Load-sensing Schaltung

Title (fr)
Circuit de détection de charge

Publication
EP 0719947 A3 19980211 (DE)

Application
EP 95120626 A 19951227

Priority
DE 4447154 A 19941229

Abstract (en)
[origin: EP0719947A2] The system incorporates a feedback device (17) to create a feedback force corresponding to the flow volume or to the regulated displacement of the hydraulic pump (1), and which acts upon the valve body (22). The feedback force alters the pressurisation of the valve body through the opposing force, and with it the set point adjustment of the control valve (16) in the opposite direction to the change of the flow volume or displacement.

IPC 1-7
F15B 11/05

IPC 8 full level
E02F 9/22 (2006.01); **F04B 49/08** (2006.01); **F15B 11/05** (2006.01); **F15B 11/16** (2006.01)

CPC (source: EP)
E02F 9/2225 (2013.01); **F04B 49/08** (2013.01); **F15B 11/165** (2013.01); **F04B 2205/09** (2013.01); **F15B 2211/20553** (2013.01); **F15B 2211/253** (2013.01); **F15B 2211/30525** (2013.01); **F15B 2211/40515** (2013.01); **F15B 2211/6054** (2013.01); **F15B 2211/6058** (2013.01); **F15B 2211/67** (2013.01); **F15B 2211/71** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
DE FR GB IT SE

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EP 95120626 A 19951227; DE 4447154 A 19941229; DE 59510929 T 19951227