

Title (en)
Load-sensing circuit

Title (de)
Load-sensing Schaltung

Title (fr)
Circuit de détection de charge

Publication
EP 0719947 B1 20040721 (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; E02F 9/22; F04B 49/08

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)

Cited by
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Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0719947 A2 19960703; **EP 0719947 A3 19980211**; **EP 0719947 B1 20040721**; DE 4447154 A1 19960711; DE 4447154 C2 20020529; DE 59510929 D1 20040826

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