

Title (en)  
HYDRAULIC CONTROLLER

Publication  
**EP 0451274 A4 19911113 (EN)**

Application  
**EP 90901035 A 19891227**

Priority  
JP 16778988 U 19881227

Abstract (en)  
[origin: EP0451274A1] This invention relates to a hydraulic controller having a construction wherein individual operation valves (12, 13) for controlling the oil feed quantity to hydraulic actuators (15, 16) are disposed between a hydraulic pump (10) and the hydraulic actuators (15, 16). In this hydraulic controller, a flow rate regulating solenoid valve (11) is connected to the hydraulic pump (10) in parallel and individual operation opening characteristics which are applied to the single operation of each operation valve (12, 13) and composite operation opening characteristics which are applied to the combined operation of the operation valves (12, 13) are set in advance as the opening characteristics of the solenoid valve (11). When either one of the operation valves (12, 13) is operated individually, the opening of the solenoid valve (11) is controlled on the basis of a single operation opening characteristics which are to be applied to that operation valve, and when the operation valves (12, 13) are operated in combination, the opening of the solenoid valve (11) is controlled on the basis of a composite operation opening characteristics. Accordingly, single control and combined control of the individual hydraulic actuators (15, 16) can be made smoothly by setting single operation opening characteristics and composite operation opening characteristics matching the load of the individual hydraulic actuators.

IPC 1-7  
**F15B 11/16**; **F15B 11/04**; **E02F 9/22**

IPC 8 full level  
**E02F 9/22** (2006.01); **F15B 11/04** (2006.01); **F15B 11/042** (2006.01); **F15B 11/16** (2006.01)

CPC (source: EP KR)  
**F15B 11/0423** (2013.01 - EP); **F15B 11/16** (2013.01 - KR); **F15B 2211/30525** (2013.01 - EP); **F15B 2211/3111** (2013.01 - EP); **F15B 2211/3116** (2013.01 - EP); **F15B 2211/324** (2013.01 - EP); **F15B 2211/40515** (2013.01 - EP); **F15B 2211/41509** (2013.01 - EP); **F15B 2211/426** (2013.01 - EP); **F15B 2211/45** (2013.01 - EP); **F15B 2211/455** (2013.01 - EP); **F15B 2211/634** (2013.01 - EP); **F15B 2211/6654** (2013.01 - EP); **F15B 2211/7052** (2013.01 - EP); **F15B 2211/7053** (2013.01 - EP); **F15B 2211/71** (2013.01 - EP); **F15B 2211/75** (2013.01 - EP)

Citation (search report)  
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Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0451274 A1 19911016**; **EP 0451274 A4 19911113**; JP H0288005 U 19900712; KR 910700415 A 19910315; WO 9007651 A1 19900712

DOCDB simple family (application)  
**EP 90901035 A 19891227**; JP 16778988 U 19881227; JP 8901309 W 19891227; KR 900701732 A 19900809