

Title (en)

Hydraulic control system for several motors

Title (de)

Hydraulische Steuereinrichtung für mehrere Verbraucher

Title (fr)

Système de commande hydraulique pour plusieurs moteurs

Publication

EP 0564939 B1 19951213 (DE)

Application

EP 93105124 A 19930329

Priority

- DE 4211314 A 19920404
- DE 4308004 A 19930313

Abstract (en)

[origin: EP0564939A1] In a hydraulic control system for the independent actuation of at least two consumers, such as tilt cylinders and lift cylinders of loaders, the setting of the control valves (8, 9) and the setting of the pressure-regulating device (4) of the variable-displacement pump (1) are dependent on each other, the control position of the control piston of the control valve which controls the consumer with the greatest load being a measure of the setting of the pressure-regulating device (4) for the variable-displacement pump (1). Especially efficient operation of the hydraulic unit is thereby ensured. <IMAGE>

IPC 1-7

F15B 11/05; F15B 11/16

IPC 8 full level

E02F 9/22 (2006.01); **F15B 11/00** (2006.01); **F15B 11/16** (2006.01)

CPC (source: EP US)

F15B 11/165 (2013.01 - EP US); **F15B 2211/20553** (2013.01 - EP US); **F15B 2211/20584** (2013.01 - EP US); **F15B 2211/30505** (2013.01 - EP US); **F15B 2211/30525** (2013.01 - EP US); **F15B 2211/3116** (2013.01 - EP US); **F15B 2211/3144** (2013.01 - EP US); **F15B 2211/329** (2013.01 - EP US); **F15B 2211/40515** (2013.01 - EP US); **F15B 2211/41554** (2013.01 - EP US); **F15B 2211/428** (2013.01 - EP US); **F15B 2211/473** (2013.01 - EP US); **F15B 2211/50518** (2013.01 - EP US); **F15B 2211/50527** (2013.01 - EP US); **F15B 2211/50536** (2013.01 - EP US); **F15B 2211/511** (2013.01 - EP US); **F15B 2211/5158** (2013.01 - EP US); **F15B 2211/555** (2013.01 - EP US); **F15B 2211/6355** (2013.01 - EP US); **F15B 2211/67** (2013.01 - EP US); **F15B 2211/7053** (2013.01 - EP US); **F15B 2211/7114** (2013.01 - EP US)

Cited by

WO2005028879A1; DE10331533B4; US5720168A; CN106286435A; WO9523292A1

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