

Title (en)

Computerized electro-hydraulic proportional control device

Title (de)

Computerisierte elektrohydraulische Proportional-Steuervorrichtung

Title (fr)

Dispositif de contrôle proportionnel électro-hydraulique à commande informatisée

Publication

EP 1413773 A3 20040512 (DE)

Application

EP 03017275 A 20030730

Priority

DE 20215838 U 20021015

Abstract (en)

[origin: EP1413773A2] The control of the actuator (H) used with such as a crane is based around four electro hydraulic proportional control valves (13-16) connected in a daisy chain. The pressure of the output and return lines (7,8) are monitored (9,10) and signals fed to a control unit (CU). This provides control inputs to the proportional valves to regulate the speed.

IPC 1-7

F15B 11/044

IPC 8 full level

F15B 11/00 (2006.01); **F15B 11/042** (2006.01); **F15B 11/044** (2006.01)

CPC (source: EP)

F15B 11/003 (2013.01); **F15B 11/006** (2013.01); **F15B 11/042** (2013.01); **F15B 11/044** (2013.01)

Citation (search report)

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- [AY] US 5875701 A 19990302 - COBO MICHAEL A [US], et al
- [A] EP 0900888 A1 19990310 - CATERPILLAR MITSUBISHI LTD [JP]
- [PX] US 6467264 B1 20021022 - STEPHENSON DWIGHT B [US], et al
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Cited by

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DOCDB simple family (application)

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