

Title (en)

Method and controller for controlling pressure fluid supply for a hydraulic actuator

Title (de)

Verfahren und Regelungsvorrichtung zur Regelung einer Druckmittelzufuhr für einen hydraulischen Aktor

Title (fr)

Procédé et dispositif de réglage d'admission de fluide pour un actionneur hydraulique

Publication

**EP 2192308 B1 20150708 (DE)**

Application

**EP 09014790 A 20091127**

Priority

DE 102008059659 A 20081129

Abstract (en)

[origin: EP2192308A2] The method involves supplying a hydraulic actuator (11) with an amount of pressure fluid by a variable displacement pump (13) that is operated by a speed-controlled motor (14) e.g. electro motor. A signal, which represents pressure of a pressure fluid, is fed back to a pressure controller (10) for controlling the variable displacement pump. The motor is operated based on a speed signal, and characteristics of a control amplifier of a pressure regulator are varied according to the speed signal. Amplification of the control amplifier is adjusted based on the speed signal. An independent claim is also included for a control device for controlling a pressure fluid supply for a hydraulic actuator of a machine.

IPC 8 full level

**F15B 11/02** (2006.01); **F15B 9/04** (2006.01)

CPC (source: EP)

**F15B 9/04** (2013.01); **F15B 11/02** (2013.01); **F15B 2211/20515** (2013.01); **F15B 2211/20546** (2013.01); **F15B 2211/6309** (2013.01); **F15B 2211/6333** (2013.01); **F15B 2211/6656** (2013.01)

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