

Title (en)

A variable assist electro-hydraulic system

Title (de)

Elektrohydraulisches System mit variabler Unterstützung

Title (fr)

Système électrohydraulique à assistance variable

Publication

**EP 0718496 A2 19960626 (EN)**

Application

**EP 95308558 A 19951128**

Priority

US 35850694 A 19941219

Abstract (en)

An electro-hydraulic system has at least one hydraulic load receiving pressurized fluid from a pump energized by an electric motor; the fluid flow/pressure characteristics are determined by motor speed, which is set by an electronic controller responsive to a motor/pump parameter sensed within the controller itself. No system parameter external to the electronic controller is required to be sensed to maintain system operation. <IMAGE>

IPC 1-7

**F04B 49/06**

IPC 8 full level

**F04B 49/06** (2006.01)

CPC (source: EP)

**F04B 49/06** (2013.01); **F04B 2203/0201** (2013.01); **F04B 2203/0202** (2013.01); **F04B 2207/01** (2013.01)

Cited by

US5792967A; US6935639B1; EP1598555A1; FR2870570A1; DE19842565A1; DE19842565B4; EP3501734A1; US6863502B2; US10125841B2; WO9802282A1; EP3789612A1

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