

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 A3 19981202 (EN)**

Application

**EP 95308558 A 19951128**

Priority

US 35850694 A 19941219

Abstract (en)

[origin: EP0718496A2] 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)

Citation (search report)

- [X] DE 3210082 A1 19821021 - IWE WIRTSCHAFTL ENERGIE NUTZUNG [DE]
- [X] US 4145161 A 19790320 - SKINNER DAVID R
- [X] US 5131507 A 19920721 - WATANABE EIKI [JP]
- [X] EP 0607888 A1 19940727 - STILL GMBH [DE]
- [PXA] US 5467281 A 19951114 - IWASHITA SHIGEO [JP], et al
- [A] EP 0557543 A1 19930901 - RANCO INC [US]

Cited by

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

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0718496 A2 19960626; EP 0718496 A3 19981202**

DOCDB simple family (application)

**EP 95308558 A 19951128**