

Title (en)

Hydraulic load-sensing system for a vehicle

Title (de)

Loadsensing-Hydrauliksystem für ein Fahrzeug

Title (fr)

Système hydraulique pour véhicule à détection de charge

Publication

EP 2679833 B1 20180321 (FR)

Application

EP 12174365 A 20120629

Priority

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Abstract (en)

[origin: EP2679833A1] The system has a flow restrictor device (LS) arranged in a pressure channel (10) between a variable flow pump (P) and a hydraulic receiver (R) e.g. hydraulic motor. A correction device (A) has a distributor comprising an operating slide (30) whose first end (31) is subjected to a real load pressure (Pu) at an outlet of the restrictor device and to a pressure (X) of a calibration spring (310), and second end (32) is subjected to a pressure (Pls) at an inlet of the restrictor device. The correction device controls a control device (C) with a load pressure (Pu2) different from the real pressure.

IPC 8 full level

F15B 11/05 (2006.01)

CPC (source: EP)

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