Title (en)

Electro-hydraulic control device

Title (de)

Elektrohydraulische Steuervorrichtung

Title (fr)

Dispositif de contrôle électro-hydraulique

Publication

EP 1635072 A1 20060315 (DE)

Application

EP 05012251 A 20050607

Priority

DE 202004014030 U 20040908

Abstract (en)

The device has a two-way-circular-pressure balance (W2) provided between a pump (8) and a tank (T), a pre-loaded pressure balance (W1) for partitioning the pump delivery flow, and a load compensation system (L). The balance (W1) is designed as two-way pressure balance and is arranged, relative to the pump, parallel to or upstream of the balance (W2) at an input section (E) of the device, where the section is designed as block module.

IPC 8 full level

B66F 9/22 (2006.01); **F15B 11/00** (2006.01); **F15B 11/05** (2006.01); **F15B 11/16** (2006.01); **F15B 21/14** (2006.01)

CPC (source: EP)

F15B 11/006 (2013.01); **F15B 11/0445** (2013.01); **F15B 11/055** (2013.01); **F15B 11/162** (2013.01); **F15B 21/14** (2013.01); F15B 2211/5059 (2013.01)

Citation (applicant)

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- DE 4140408 A1 19930609
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Citation (search report)

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- [AD] DE 29802498 U1 19980416 - HEILMEIER & WEINLEIN [DE]
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CN105035979A; EP2465812A1; DE102009028816A1; CN101994725A; US11841716B2

Designated contracting state (EPC)

DE FR IT SE

DOCDB simple family (publication)

DE 202004014030 U1 20060112; DE 502005002807 D1 20080327; EP 1635072 A1 20060315; EP 1635072 B1 20080213

DOCDB simple family (application)

DE 202004014030 U 20040908; DE 502005002807 T 20050607; EP 05012251 A 20050607