

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)  
• DE 29802498 U1 19980416 - HEILMEIER & WEINLEIN [DE]  
• DE 4140408 A1 19930609  
• EP 0546300 A1 19930616 - BOSCH GMBH ROBERT [DE]  
• DE 20208577 U1 20031211 - HAWE HYDRAULIK GMBH & CO KG [DE]  
• DE 10308289 A1 20040909 - BOSCH REXROTH AG [DE]

Citation (search report)  
• [X] EP 0607108 A2 19940720 - VOAC HYDRAULICS BORAS AB [SE]  
• [X] EP 0462590 A1 19911227 - HITACHI CONSTRUCTION MACHINERY [JP]  
• [XDA] DE 4140408 A1 19930609  
• [PXD] DE 10308289 A1 20040909 - BOSCH REXROTH AG [DE]  
• [AD] DE 29802498 U1 19980416 - HEILMEIER & WEINLEIN [DE]  
• [AD] EP 0546300 A1 19930616 - BOSCH GMBH ROBERT [DE]

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CN105035979A; EP2465812A1; DE102009028816A1; CN101994725A; US11841716B2

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DE FR IT SE

DOCDB simple family (publication)  
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