

Title (en)  
ELECTROHYDRAULIC CONTROL DEVICE

Title (de)  
ELEKTROHYDRAULISCHE STEUERVORRICHTUNG

Title (fr)  
DISPOSITIF DE COMMANDE ELECTROHYDRAULIQUE

Publication  
**EP 0918678 B1 20000830 (DE)**

Application  
**EP 97930304 A 19970606**

Priority  
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• DE 19634319 A 19960824

Abstract (en)  
[origin: DE19634319A1] This invention concerns an electrohydraulic control device (10, 60) for a hydraulic control motor for controlling a flow which is built in the form of a 4/2-directional control valve module. A control valve from seat valve technology between a motor connection (B) and a return (R) form a lowering part (11), while the corresponding reset element (44) is carried out in the form of a longitudinal gate valve (45) which controls the connection between an intake connection (P) and a motor connection (A) and is actuated by a proportional magnet (16). After release of the control valve, its seat valve body (23) is mechanically taken along by the longitudinal gate valve (45), and both flows are proportionally controlled by means of the lowering part (11) and the raising part (12), so that in a construction with little leakage, a high degree of switching control is achieved.

IPC 1-7  
**B62D 5/09; F15B 13/044**

IPC 8 full level  
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Cited by  
CN102213242A; US8224481B2

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