

Title (en)  
Hydraulic control system

Title (de)  
Hydraulische Steuerung

Title (fr)  
Dispositif de contrôle hydraulique

Publication  
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Application  
**EP 05027271 A 20051214**

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Abstract (en)  
[origin: US2006156914A1] The invention concerns a hydraulic control ( 1 ) with a supply connection arrangement ( 7 ) having a high-pressure connection (P) and a low-pressure connection (T), a working connection arrangement having two working connections (A, B) connectable with a consumer, a control valve ( 8 ) with a valve element ( 9 ) between the supply connection arrangement and the working connection arrangement and a compensation valve ( 11 ), which is located between the high-pressure connection (P) and the control valve ( 8 ) and is acted upon in the closing direction by a pressure between the compensation valve ( 11 ) and the control valve ( 8 ). It is endeavoured to ensure the most favourable energy consumption possible. For this purpose, in the opening direction the compensation valve ( 11 ) is acted upon by a pressure of a selection device ( 29, 30, 30', 38 ), which optionally supplies the compensation valve ( 11 ) with a pressure control pressure or a flow control pressure.

IPC 8 full level  
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