

Title (en)
Hydraulic control system

Title (de)
Hydraulische Steuerung

Title (fr)
Dispositif de contrôle hydraulique

Publication
EP 1710445 A3 20090812 (DE)

Application
EP 05027271 A 20051214

Priority
DE 102004063044 A 20041222

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.

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