

Title (en)
Hydraulic control circuit

Title (de)
Hydraulische Steuereinrichtung

Title (fr)
Circuit de commande hydraulique

Publication
EP 1253327 B1 20050112 (DE)

Application
EP 02008997 A 20020423

Priority
DE 10120996 A 20010428

Abstract (en)
[origin: EP1253327A1] The hydraulic controller has one or more control valves connected to hydraulic medium feed and return channels. A hydraulic medium feed device is activated via an electromagnetic valve with connections to the feed channel, return channel and signal pressure line. The feed and return channels are connected by a cross-channel containing the electromagnetic valve and a choke. The signal pressure is tapped from between the valve and choke. The hydraulic controller has control valves for controlling hydraulic loads and connected to feed and return channels for a hydraulic medium. A hydraulic medium supply device can be activated via an electromagnetic valve with connections to the feed channel, the return channel and a signal pressure line. The feed channel (21) is connected to the return channel (23) via a cross-channel (35) containing the electromagnetically operated valve (36) and a downstream choke (37). The signal pressure is tapped from between the electromagnetically operated valve, which has a two-way-two-setting function, and the choke.

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F15B 11/16

IPC 8 full level
F15B 11/16 (2006.01)

CPC (source: EP)
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Cited by
EP1449420A1; EP1471263A1; EP3369943A1; IT201700023749A1; US11041514B2; US7131453B2; WO2005084413A1

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