

Title (en)
HYDRAULIC CONTROL ARRANGEMENT

Title (de)
HYDRAULISCHE STEUERANORDNUNG

Title (fr)
DISPOSITIF DE COMMANDE HYDRAULIQUE

Publication
EP 1989450 B1 20100512 (DE)

Application
EP 07702809 A 20070117

Priority
• EP 2007000352 W 20070117
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Abstract (en)
[origin: US2009007556A1] The invention relates to a hydraulic control arrangement for actuating at least two consumers (2, 4) which can be supplied with pressure medium by means of a pump (6) with an adjustable delivery rate. Provided in the pressure medium flow path between the pump (6) and at least one of the consumers (2, 4) is an input pressure balance (60), by means of which a connection to a tank can be opened in a controlled manner. A power beyond connection (72) for connecting a power beyond consumer (74) branches off from a pressure medium flow path between the pump (6) and the input pressure balance (60). The adjustment of the input pressure balance takes place as a function of one of the load pressures of the consumer or of a power beyond consumer. Said hydraulic control arrangement permits a prioritized supply to the power beyond consumer and an increase in the regulating pressure difference when supplying power beyond consumers.

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