

Title (en)

METHOD AND HYDRAULIC CONTROL ARRANGEMENT FOR SUPPLYING A PRESSURE MEDIUM TO AT LEAST ONE HYDRAULIC CONSUMER

Title (de)

VERFAHREN UND HYDRAULISCHE STEUERANORDNUNG ZUR DRUCKMITTELVERSORGUNG ZUMINDEST EINES HYDRAULISCHEN VERBRAUCHERS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE HYDRAULIQUE POUR L'ALIMENTATION EN FLUIDE DE PRESSION D'AU MOINS UN RÉCEPTEUR HYDRAULIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009000472A1] The invention relates to a hydraulic control arrangement and to a method for controlling a hydraulic consumer that comprises a pressure chamber on the input side and on the return side, said pressure chamber being connected to an adjusting pump or a tank via a valve device. The valve device is controlled by means of a control unit via which it can be adjusted in a regeneration mode, in which both pressure chambers are connected to the adjusting pump. According to the invention, the adjusting pump is pressure controlled, whereby in the regeneration mode, it is automatically switched to the normal operation in which the supply side of the pressure chamber is connected to the adjusting pump and the return side of the pressure chamber is connected to the tank when the pumping rate falls below the demand for the pressure medium.

IPC 8 full level

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