

Title (en)
HYDRAULIC CONTROL ARRANGEMENT

Title (de)
HYDRAULISCHE STEUERANORDNUNG

Title (fr)
ENSEMBLE DE COMMANDE HYDRAULIQUE

Publication
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Application
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Abstract (en)
[origin: US2007245889A1] The invention relates to a hydraulic control arrangement and a pilot-operated pressure relief valve therefor. Said hydraulic control arrangement comprises a differential cylinder provided with a pressure chamber on the piston rod side thereof and another pressure chamber at the bottom thereof which can be connected to a pump or a tank by means of a control valve arrangement in order to actuate the differential cylinder. The pressure in a pressure chamber is defined by a pilot-operated pressure relief valve provided with a pressure switching stage by which means the pressure regulated by the pressure relief valve can be lowered according to the pressure in the other pressure chamber.

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Cited by
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