

Title (en)  
HYDRAULIC CONTROL ARRANGEMENT

Title (de)  
HYDRAULISCHE STEUERANORDNUNG

Title (fr)  
DISPOSITIF DE COMMANDE HYDRAULIQUE

Publication  
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Application  
**EP 07724220 A 20070413**

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Abstract (en)  
[origin: WO2007121873A1] The invention relates to a hydraulic control arrangement that is used particularly for controlling hydraulic consumers of a mobile machine tool. Said hydraulic control arrangement comprises a load signaling line to which the maximum load pressure of several hydraulic consumers that are simultaneously triggered via one respective main control valve can be applied, and a final section of which can be connected to a pump regulator. The hydraulic control arrangement further comprises a pressure relief valve which allows the control pressure to be limited in the final section of the load signaling line. In order to be able to easily and inexpensively control the pressure also for several hydraulic consumers, the pressure relief valve can be displaced in accordance with the level of a pilot signal that is used for triggering a main control valve.

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