

Title (en)  
HYDRAULIC CONTROL ARRANGEMENT

Title (de)  
HYDRAULISCHE STEUERANORDNUNG

Title (fr)  
DISPOSITIF DE COMMANDE HYDRAULIQUE

Publication  
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Application  
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Abstract (en)  
[origin: WO0186153A1] The invention relates to a hydraulic control arrangement for damping travel vibrations of a mobile tool, comprising a lifting cylinder (2) which supports a tool and whose cylinder chambers (12, 14) can be connected to a source of a pressure means or a tank (T) by a control valve arrangement (4). The hydraulic control arrangement also has a damping valve arrangement (8) for connecting one cylinder chamber (12) to a hydraulic accumulator (10) and the other cylinder chamber (14) to a tank. According to the invention, said damping valve arrangement has a valve (34) with a pressure limiting function. This valve is situated between a return valve (30) and the hydraulic accumulator, so that the pressure in said hydraulic accumulator can be reliably limited to a maximum value.

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