

Title (en)  
HYDRAULIC CIRCUIT

Title (de)  
HYDRAULISCHE ANORDNUNG

Title (fr)  
CIRCUIT HYDRAULIQUE

Publication  
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Application  
**EP 11776751 A 20111026**

Priority  
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Abstract (en)  
[origin: WO2012055917A1] The invention relates to a hydraulic arrangement (10) for increasing an engine load. The hydraulic arrangement comprises a hydraulic load (28), a load pressure-controlled hydraulic pump (24), a hydraulic tank (26), and a hydraulic control circuit (30) which is connected to the hydraulic load (28) and with which a volume flow rate that is conducted from the hydraulic pump (24) can be changed. The hydraulic control circuit (30) comprises a pressure relief valve (42) and an electronically controllable control valve (36). The aim of the invention is to ensure a prioritization of the hydraulic load while simultaneously increasing the engine load. This is achieved in that the hydraulic control circuit (30) comprises a load pressure-controlled pressure balance (38) between the pressure relief valve (42) and the control valve (36).

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