

Title (en)
HYDRAULIC DRIVE

Title (de)
HYDRAULISCHER ANTRIEB

Title (fr)
ENTRAÎNEMENT HYDRAULIQUE

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Abstract (en)
[origin: WO2012084093A1] The invention relates to a hydraulic drive for a hydraulic load or for a hydraulic system having a variable-displacement pump which is mechanically coupled to a preferably variable-speed drive motor, and a control for adjusting at least the capacity of the pump and optionally the speed of the drive motor. According to the invention a torque detecting or determining device is provided which detects or calculates a current output torque of the drive motor, wherein in response thereto the capacity of the pump is set to a value at which the current output torque is at or below a set maximum value.

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Citation (examination)
• US 2010115800 A1 20100513 - SAKAI TOSHIYUKI [JP], et al
• US 5320499 A 19940614 - HAMEY PETER M [GB], et al
• US 3935707 A 19760203 - MURPHY EUGENE SCOTT, et al

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