

Title (en)
HYDRAULIC SYSTEM

Title (de)
HYDRAULISCHE ANLAGE

Title (fr)
INSTALLATION HYDRAULIQUE

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Application
EP 11722019 A 20110527

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Abstract (en)
[origin: WO2011154101A1] The invention relates to a hydraulic system, in particular for a commercial vehicle such as a construction machine, comprising a hydraulic fluid pump (2) which can be reversed in the delivery direction and the delivery volume of which can be variably adjusted. Said system is characterised in that the hydraulic fluid pump (2) removes the hydraulic fluid (3) from a low-pressure fluid chamber (5) of a double piston accumulator (6) via a first fluid-conducting connection (4) and delivers said fluid to a high-pressure fluid chamber (7) of the double piston accumulator (6), the high-pressure chamber being located between the hydraulic fluid pump (2) and the consumer, and in that the volume of the low-pressure fluid chamber (5) is greater than the volume of the high-pressure fluid chamber (7).

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