

Title (en)
HYDRAULIC SYSTEM

Title (de)
HYDRAULISCHE ANLAGE

Title (fr)
INSTALLATION HYDRAULIQUE

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Application
EP 11719197 A 20110511

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Abstract (en)
[origin: WO2011154075A1] 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 supplies hydraulic fluid (3) to a consumer. Said system is characterised in that the hydraulic fluid pump (2) removes a hydraulic fluid (3) from a low-pressure fluid chamber (4) of the hydraulic system (1) and delivers said fluid to a high-pressure fluid chamber (5) lying between a consumer and the hydraulic fluid pump (2), and in that a feed unit (8) can be actuated by the displacement of a piston (6, 7) in the high-pressure fluid chamber (5) or the low-pressure fluid chamber (4), allowing the low-pressure fluid chamber (4) to be replenished with hydraulic fluid (3) originating from a hydraulic fluid container (9).

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