

Title (en)

HYDRAULIC SUPPLY ARRANGEMENT AND CONTROL METHOD

Title (de)

HYDRAULISCHE VERSORGUNGSANORDNUNG UND VERFAHREN ZUM ANSTEUERN

Title (fr)

DISPOSITIF D'ALIMENTATION HYDRAULIQUE ET PROCÉDÉ DE COMMANDE

Publication

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Application

**EP 15790904 A 20151102**

Priority

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- EP 2015075466 W 20151102

Abstract (en)

[origin: WO2016087146A1] A hydraulic supply arrangement in an automatic gearbox of a vehicle, having a primary hydraulic circuit (I) for providing a supply to gearbox components, having a secondary hydraulic circuit (II) for lubricating and cooling gearbox components, and having at least one pump (P) for generating a delivery volume flow in the hydraulic circuits (I, II) is proposed, wherein a detection device (E) is provided for detecting the present hydraulic medium volume flow in the secondary hydraulic circuit (II) for the purposes of adjustment of a required delivery volume flow of the pump (P). Also proposed is a method for controlling a pump of a hydraulic supply arrangement in an automatic gearbox of a vehicle, wherein the respectively present hydraulic medium volume flow in a secondary hydraulic circuit (II) for lubricating and cooling gearbox components is detected, wherein a volume flow demand is determined from a characteristic map relating to the present working range of the automatic gearbox, and wherein the delivery volume flow of the pump (P) is controlled in a manner dependent on the determined volume flow demand.

IPC 8 full level

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CPC (source: CN EP KR US)

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