

Title (en)

ARRANGEMENT FOR SUPPLYING A HYDRAULIC SYSTEM WITH HYDRAULIC FLUID

Title (de)

ANORDNUNG ZUR VERSORGUNG EINES HYDRAULIKSYSTEMS MIT HYDRAULIKFLÜSSIGKEIT

Title (fr)

AGENCEMENT D'ALIMENTATION D'UN SYSTÈME HYDRAULIQUE EN LIQUIDE HYDRAULIQUE

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Application

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Abstract (en)

[origin: WO2010102957A1] The invention relates to an arrangement (10) for supplying a hydraulic system with hydraulic fluid, comprising a working reservoir (12) for accommodating the hydraulic fluid provided for the operation of the hydraulic system and comprising an auxiliary reservoir (16) connected to the working reservoir (12) by means of a hydraulic line (14) for temporarily storing hydraulic fluid taken from the working reservoir (12). According to the invention, an air-conveying device (28) is present which is connected on one side on the low-pressure side to a suction line (32) that opens into a liquid-free area (30) of the auxiliary reservoir (16) so that a negative pressure can be built up in the auxiliary reservoir (16) relative to the atmospheric ambient pressure, and which is connected on the other side to a control line (34), which comprises a control opening (36a, 36b), which is covered by the hydraulic fluid located in the working reservoir (12) at least before the air-conveying device (28) is started up.

IPC 8 full level

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