Title (en)

HYDRAULIC DUAL-CIRCUIT SYSTEM AND METHOD FOR ACTUATING CONSUMERS OF A DUAL-CIRCUIT SYSTEM

Title (de)

HYDRAULISCHES ZWEIKREISSYSTEM UND VERFAHREN ZUM ANSTEUERN VON VERBRAUCHERN EINES ZWEIKREISSYSTEMS

Title (fr)

SYSTÈME HYDRAULIQUE À DEUX CIRCUITS ET PROCÉDÉ DE COMMANDE DE CONSOMMATEURS D'UN SYSTÈME À DEUX CIRCUITS

Publication

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Abstract (en)

[origin: WO2009129942A1] A hydraulic dual-circuit system for actuating consumers (12, 14) and a method for actuating consumers of a hydraulic dual-circuit system are disclosed, wherein the two circuits (1, 2) can be connected to one another via an interconnecting valve arrangement (4), with the result that the variable displacement pump (8, 10) of one circuit (1, 2) adds pressure medium into the other circuit (2, 1). The dual-circuit system has a deactivation device (ß), via which the adding is deactivated if the pressure-medium requirement in the connected circuit is smaller than the maximum pump delivery flow and greater than a switchover pressure-medium requirement. The latter can lie, for example, at approximately 80% of the maximum pump delivery flow.

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