

Title (en)
DOUBLE-CIRCUIT HYDRAULIC SYSTEM

Title (de)
HYDRAULISCHES ZWEIKREISBREMSSYSTEM

Title (fr)
SYSTEME HYDRAULIQUE A DOUBLE CIRCUIT

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Abstract (en)
[origin: WO2004042235A1] The invention relates to a double-circuit hydraulic system for controlling consumers of mobile equipment such as track equipment. Two hydraulic circuits (2, 4) can be interconnected by means of a system provided with interconnection valves (38). According to said invention, a device such as non-return valve makes it possible to ensure that, a high pressure in the circuit supplying reduced quantity of a pressure fluid does not impact another circuit having a low pressure, the circuits (2, 4) being interconnected. In the preferred embodiment, the inventive system provided with interconnection valves comprises two manometers (40, 42) which are exposed to a pumped pressure and the load pressure of the corresponding circuit, the non-return valves being arranged upstream thereof.

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Cited by
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