

Title (en)
ELECTRONICALLY SLIP-CONTROLLABLE VEHICLE BRAKE SYSTEM

Title (de)
ELEKTRONISCH SCHLUPFREGELBARE FAHRZEUGBREMSANLAGE

Title (fr)
SYSTÈME DE FREINAGE DE VÉHICULE À ANTI-PATINAGE ÉLECTRONIQUEMENT

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Application
EP 15719730 A 20150506

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Abstract (en)
[origin: WO2015193027A1] The invention relates to an electronically slip-controllable vehicle brake system with a human-powered master brake cylinder (12) and with a pressure generator (38) which can be driven by an external force for supplying a brake fluid under a brake pressure to a wheel brake (14) connected to the master brake cylinder (12) and to the pressure generator (38). Such vehicle brake systems are equipped with, among others, an electronically actuatable valve device (50) which controls the pressure medium connections of the master brake cylinder (12) to the wheel brake (14) and to a suction side of the pressure generator (38). Known valve devices for this purpose comprise two distribution valves with two respective pressure medium connections, each of which can be switched by an actuator into two positions, namely a blocking position and a flow position. In order to reduce costs, installation space, and the number of components, an individual valve device (50) is to be used as the valve device, comprising three pressure medium connections (54, 56, 58) that can be switched by an electronically actuatable actuator (60) into three discrete positions (64, 66, 68) in which the pressure medium connections (54, 56, 58) are connected to one another in different variations or are blocked from one another.

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Citation (search report)
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