

Title (en)

ELECTROMECHANICALLY AND HYDRAULICALLY ACTUATABLE MOTOR VEHICLE BRAKE WITH SELECTIVE SELF-LOCKING

Title (de)

ELEKTROMECHANISCH UND HYDRAULISCH BETÄTIGBARE KRAFTFAHRZEUGBREMSE MIT WAHLWEISER SELBSTHEMMUNG

Title (fr)

FREIN DE VÉHICULE À ACTIONNEMENT COMBINÉ HYDRAULIQUE ET ÉLECTROMÉCANIQUE AVEC BLOCAGE AUTOMATIQUE OPTIONNEL

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Application

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Abstract (en)

[origin: WO2015071071A2] The invention relates to a motor vehicle brake, in particular a combined hydraulically and electromechanically actuatable motor vehicle brake, with an actuator assembly (A) comprising: a housing (AG, BG), an actuator (BK) which can be moved relative to the housing (AG, BG) for hydraulically or electromechanically moving a brake lining, a motor drive (EM), a movement mechanism which is arranged between the motor drive (EM) and the movable actuator (BK), a transmission arrangement (GS1, GS2, GS3) which is paired with the movement mechanism, and a separate self-locking device (SHV) which is designed to block the movement mechanism when necessary. The movement mechanism has a ball screw drive (SM) with a rotatable spindle and a nut which can be moved in the housing (BG) in a linear manner. The nut can be moved within the housing (BG) in order to move the actuator (BK) by rotating the spindle, and the transmission arrangement has at least two transmission stages (GS1, GS2, GS3). In the motor vehicle brake, the self-locking device (SHV) is arranged in or on the transmission arrangement (GS1, GS2, GS3) such that at least two transmission stages (GS2, GS3) are arranged between the ball screw drive (SM) and the self-locking device (SHV).

IPC 8 full level

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