

Title (en)

ELECTRO-MECHANICAL BRAKE ACTUATOR WITH A REFEEDING FUNCTION FOR A PARKING BRAKE OF A RAIL VEHICLE

Title (de)

ELEKTRO-MECHANISCHER BREMSAKTUATOR MIT NACHSPEISUNG FÜR EINE FESTSTELLBREMSE EINES SCHIENENFAHRZEUGS

Title (fr)

ACTIONNEUR DE FREIN ÉLECTROMÉCANIQUE COMPRENANT UNE RÉALIMENTATION POUR UN FREIN DE STATIONNEMENT D'UN VÉHICULE FERROVIAIRE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019042860A1] The invention relates to an electro-mechanical brake actuator with a refeeding function for a parking brake of a rail vehicle and to a corresponding method. The electro-mechanical brake actuator has a pressing part (4) for pressing against a brake disc (5); means (1, 2, 3) for moving the pressing part (4) onto or away from the brake disc (5); a locking device (7) which is configured so as to lock the pressing part (4) against the brake disc (5) in a fixed manner; and a refeeding device (6, 7, 8) which has a lock release device (7, 8) that is configured so as to release the lock of the pressing part (4) against the brake disc (5) if a specified refeeding condition has been satisfied; wherein the refeeding device (6, 7, 8) is configured so as to actuate the means (1, 2, 3) for moving the pressing part (4) when the pressing part (4) is unlocked by the lock release device (7, 8) and causes the locking device (7) to again lock the pressing part (4) against the brake disc (5) in a fixed manner.

IPC 8 full level

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