

Title (en)

RAIL VEHICLE BRAKING SYSTEM AND METHOD FOR OPERATING A RAIL VEHICLE BRAKING SYSTEM

Title (de)

SCHIENENFAHRZEUGBREMSSYSTEM UND VERFAHREN ZUM BETREIBEN EINES SCHIENENFAHRZEUGBREMSSYSTEMS

Title (fr)

SYSTÈME DE FREINAGE DE VÉHICULE FERROVIAIRE ET PROCÉDÉ DE FONCTIONNEMENT D'UN SYSTÈME DE FREINAGE DE VÉHICULE FERROVIAIRE

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Application

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Abstract (en)

[origin: WO2016207419A1] A rail vehicle braking system comprises at least one disk brake (3) associated with a wheel (2) or a wheel set, wherein the disk brake (3) comprises at least one brake disk (4), at least one brake lining which engages with the brake disk (4), at least one application device (5) exerting an application force on the at least one brake lining during a braking operation, and a control device (6) for controlling the application device (5), wherein the control device (6) is coupled to a determination unit (10) for determining a current wheel diameter (d) of the wheel (2) or of the wheel set, wherein the control unit (6) is configured such that, when a predetermined application force is actuated during braking operation, a value of the current wheel diameter (d) detected by the determination unit (10) is taken into account. The invention further relates to a method for operating a rail vehicle braking system.

IPC 8 full level

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CPC (source: CN EP US)

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