

Title (en)

MODULAR BRAKE LINING SYSTEM AND BRAKE LINING

Title (de)

MODULARES BREMSBELAGSYSTEM UND BREMSBELAG

Title (fr)

SYSTÈME DE GARNITURE DE FREIN MODULAIRE ET GARNITURE DE FREIN

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Application

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Abstract (en)

[origin: WO2013182266A2] The invention relates to a modular brake lining system, in particular for a brake disc (4) of a disc brake, moreover in particular for rail vehicles, having mounting plates (7, 8, 12) held on at least one rear part (9) and having a plurality of different friction segments (5, 6, 10, 11), wherein different friction segments (5, 6, 10, 11) have friction surfaces having different geometries and/or different sizes and/or different coefficients of friction and/or of different friction materials and wherein, as required, different friction segments (5, 6, 10, 11) of the brake lining system can be fastened to the mounting plates (7, 8, 10, 11). According to the invention, by changing the arrangement of the friction segments (5, 6, 10, 11) on the brake lining (1) and/or by changing the number of identical or different friction segments (5, 6, 10, 11), the maximum clearance diameter (d1, d2) of a clearance circle (13, 14) positioned beyond the central transverse axis (Y) of the brake lining (1) tangentially to at least two, preferably at least three, adjacent friction segments (5, 6, 10, 11) is adjustable to a value between 5 and 40 mm.

IPC 8 full level

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