Title (en)

METHOD AND DEVICE FOR DECREASING BRAKING NOISE LEVEL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERRINGERUNG DES GERÄUSCHPEGELS BEIM BREMSEN

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE REDUIRE LE NIVEAU DE BRUIT LORS D'UN FREINAGE

Publication

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Application

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Abstract (en)

[origin: WO0053481A1] Method according to this invention comprises in application (or deposition) of chosen medium, most commonly in fluid form such as liquid or mixture of liquid and air, with an applicator on predetermined sections or points on the braking surface (7) of a rail brake section or plurality thereof. Said medium and quantity of said medium are chosen such that their use may not significantly impede braking characteristics and/or significantly decrease friction factor between the brake and the wheel (8) which the braking surface (7) engages and applies friction to it. A device according to this invention comprises signal generating means, at least one proximity sensor or switch (6), signal analyzing or processing means, at least one controlling unit (5), metering means for applying correct amount of said medium to delivering means, a controlled-volume pump or pumping device, distributing means for delivering of said medium and medium application means, such as a nozzle (4).

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