Title (en)

METHOD FOR MINIMIZING TREAD DAMAGE AND PROFILE WEAR OF WHEELS OF A RAILWAY VEHICLE

Title (de)

VERFAHREN ZUR MINIMIERUNG VON LAUFFLÄCHENSCHÄDEN UND PROFILVERSCHLEISS VON RÄDERN EINES SCHIENENFAHRZEUGS

Title (fr)

PROCÉDÉ POUR MINIMISER LES ENDOMMAGEMENTS DES SURFACES DE ROULEMENT ET L'USURE DES PROFILS DES ROUES D'UN VÉHICULE FERROVIAIRE

Publication

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Application

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Abstract (en)

[origin: WO2008155185A1] The invention relates to a method for minimizing tread damage and profile wear of the wheels of a railway vehicle (101, 201, 401, 501, 601), having at least two sets of idler wheels, or at least two sets of wheels, or a bogie of a railway vehicle having at least two sets of idler wheels or at least two sets of wheels, wherein target values for parameters characterizing the position of at least one wheel relative to the track are determined based on measured values of at least one variable parameter relevant for the creation of tread damage and profile wear during the movement of the railway vehicle (101, 201, 401, 501, 601), on condition that that tread damage and profile wear on the wheels of the railway vehicle (101, 201, 401, 501, 601) are thus minimized, wherein the position of at least one set of idler wheels, or set of wheels, is adjusted according to the target values by means of actuation, control, or a combination of both.

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CPC (source: EP US)

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Citation (search report)

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