

Title (en)

METHOD FOR IMPROVING THE PROPERTIES OF RAILWAY WHEELS AND RAILWAY WHEEL

Title (de)

VERFAHREN ZUR VERBESSERUNG VON EIGENSCHAFTEN VON EISENBAHNRÄDERN UND EIN SOLCHES EISENBAHNRAD

Title (fr)

PROCEDE D'AMELIORATION DES PROPRIETES DES ROUES POUR VOIES FERROVIAIRES ET ROUE CORRESPONDANTE

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Application

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Abstract (en)

[origin: WO9843834A1] The present invention relates to a railway wheel and a method for improving the properties of railway wheels (1). According to this method portions of the base material (2) of the railway wheel (1) are removed and replaced by completing surface layers (16, 17) which are provided by forming a melt on said portions of the base material (2), preferably by laser radiation, and by adding additive to said melt for imparting additional properties to the completing surface layers (16, 17) besides the properties imparted thereto by the base material (2).

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