

Title (en)

METHOD FOR THERMAL TREATMENT OF RAILS

Title (de)

VERFAHREN ZUR THERMISCHEN BEHANDLUNG VON SCHIENEN

Title (fr)

PROCEDE DE TRAITEMENT THERMIQUE DE RAILS

Publication

**EP 1432835 A2 20040630 (DE)**

Application

**EP 02777151 A 20020919**

Priority

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- EP 0210512 W 20020919

Abstract (en)

[origin: WO03028912A2] In order to obtain a fine-lamellar perlite structure in the edge region of the heads of rails (1), especially hot-rolled rails for carriageways or railways, by specific thermal treatment during cooling from the rolling heat without the formation of bainite, pre-cooling (12) occurs in order to achieve a core temperature of approximately 750 - 850 °C, and the temperature of the more intensively cooled edge region is raised by intermediate heating (13) to at least said core temperature and finally cooled (14)..

IPC 1-7

**C21D 9/04**; **C21D 1/84**

IPC 8 full level

**C21D 1/00** (2006.01); **C21D 1/18** (2006.01); **C21D 1/84** (2006.01); **C21D 9/04** (2006.01); **C21D 8/00** (2006.01); **C21D 11/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 03028912A2

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