

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 B1 20050608 (DE)**

Application

**EP 02777151 A 20020919**

Priority

- DE 10148305 A 20010929
- EP 0210512 W 20020919

Abstract (en)

[origin: US7416622B2] 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, precooling ( 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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