

Title (en)

METHOD AND DEVICE FOR PREVENTING THE DENTING OF RAILS IN THE TRANSITION AREA BETWEEN THE END AND THE FULL SECTION OF THE TONGUE

Publication

EP 0199706 A3 19870513 (DE)

Application

EP 86890076 A 19860324

Priority

AT 88785 A 19850325

Abstract (en)

[origin: EP0199706A2] 1. Process for the heat treatment of rails in the transitional region between the tongue end and the control rail section, the rail being heated above the austenitizing temperature and thereafter being cooled in still air, characterized in that the heat treatment is carried out simultaneously with or immediately after the hot forming of the tongue rail end, in that the transitional region is heated over a depth of at least 7 mm and at most 25 mm, and in that the heat treatment is controlled in such a way that the length of the zone of structural change obtained as a result of the forming of the tongue is kept smaller than 30 mm in the longitudinal direction of the rail.

IPC 1-7

C21D 9/04

IPC 8 full level

C21D 9/04 (2006.01)

CPC (source: EP)

C21D 9/04 (2013.01)

Citation (search report)

- [A] DE 2821227 A1 19791122 - KRUPP AG HUETTENWERKE
- [AD] DE 2541978 A1 19770324 - KRUPP AG HUETTENWERKE [DE], et al
- [A] DE 1179973 B 19641022 - GERLACH KARL, et al
- [A] DE 800867 C 19501211 - DEUTSCHE BUNDESBAHN
- [A] GB 448416 A 19360527 - OXWELD RAILROAD SERVICE COMPAN
- [A] US 2484897 A 19491018 - LYTLE ARTHUR R

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DOCDB simple family (publication)

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EP 86890076 A 19860324; AT 86890076 T 19860324; AT 88785 A 19850325; CS 193786 A 19860319; DD 28824786 A 19860324; DE 3669538 T 19860324; HU 115886 A 19860319; NO 861149 A 19860321; PL 25859086 A 19860324; YU 164387 A 19870904; YU 36586 A 19860312