

Title (en)

PROCESS FOR TEMPERING A RAIL VEHICLE WHEEL

Title (de)

VERFAHREN ZUM VERGÜTEN EINES SCHIENENFAHRZEUGRADES

Title (fr)

PROCEDE DE TREMPE ET DE REVENU D'UNE ROUE POUR VEHICULE SUR RAILS

Publication

EP 0542951 B1 19980304 (DE)

Application

EP 92910396 A 19920601

Priority

- CH 9200104 W 19920601
- CH 163391 A 19910603

Abstract (en)

[origin: WO9221782A1] In a process for tempering at least parts of a wheel for rail vehicles, the tempering temperature is kept at least approximately constant or intermittently altered in the range of the temperature/time curves for the beginning and end of austenitic conversion. This provides a rail vehicle wheel with improved high-speed behaviour.

IPC 1-7

C21D 9/34; C21D 1/20

IPC 8 full level

C21D 1/20 (2006.01); **C21D 9/00** (2006.01); **C21D 9/34** (2006.01)

CPC (source: EP)

C21D 1/20 (2013.01); **C21D 9/34** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE

DOCDB simple family (publication)

WO 9221782 A1 19921210; AT E163684 T1 19980315; AU 1759792 A 19930108; CZ 31293 A3 19931117; DE 59209215 D1 19980409; DK 0542951 T3 19981228; EP 0542951 A1 19930526; EP 0542951 B1 19980304; ES 2114937 T3 19980616; FI 930983 A0 19930305; FI 930983 A 19930305; GR 3026331 T3 19980630; NO 930611 D0 19930222

DOCDB simple family (application)

CH 9200104 W 19920601; AT 92910396 T 19920601; AU 1759792 A 19920601; CZ 31293 A 19930302; DE 59209215 T 19920601; DK 92910396 T 19920601; EP 92910396 A 19920601; ES 92910396 T 19920601; FI 930983 A 19930305; GR 980400524 T 19980311; NO 930611 A 19930222