

Title (en)

Method for heat treating railway track elements

Title (de)

Verfahren zur Wärme-bzw. Vergütebehandlung eines Gleisteils

Title (fr)

Procédé de traitement thermique de parties de voies ferrées

Publication

EP 0757110 B1 20011004 (DE)

Application

EP 96109815 A 19960619

Priority

DE 19523542 A 19950628

Abstract (en)

[origin: EP0757110A1] The heat treatment of a track element which is heated over its entire length and then cooled in a coolant bath in such a way that, if necessary, the element is dipped - with its head portion leading - partially and with interruptions into the bath. According to a predetermined time sequence, the element is alternately dipped completely and partially into the coolant bath.

IPC 1-7

C21D 9/04; C21D 1/63

IPC 8 full level

C21D 1/63 (2006.01); **C21D 9/04** (2006.01); **C21D 1/25** (2006.01)

CPC (source: EP)

C21D 1/63 (2013.01); **C21D 9/04** (2013.01); **C21D 1/25** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0757110 A1 19970205; **EP 0757110 B1 20011004**; AT E206475 T1 20011015; DE 19523542 A1 19970102; DE 59607812 D1 20011108; DK 0757110 T3 20020114; ES 2165453 T3 20020316

DOCDB simple family (application)

EP 96109815 A 19960619; AT 96109815 T 19960619; DE 19523542 A 19950628; DE 59607812 T 19960619; DK 96109815 T 19960619; ES 96109815 T 19960619