

Title (en)

METHOD AND DEVICE FOR REDUCING THE FORMATION OF SCALES ON ROLLING STOCK

Title (de)

VERFAHREN UND EINRICHTUNG ZUR VERRINGERUNG VON ZUNDERBILDUNG AUF EINEM WALZGUT

Title (fr)

PROCEDE ET DISPOSITIF POUR REDUIRE LA FORMATION DE CALAMINE SUR UN PRODUIT LAMINE

Publication

**EP 1131170 A1 20010912 (DE)**

Application

**EP 99960861 A 19991103**

Priority

- DE 9903518 W 19991103
- DE 19852759 A 19981116

Abstract (en)

[origin: WO0029140A1] The invention relates to a method and a device for reducing the formation of scales on rolling stock (3) which leaves the roll stand. According to the invention, heated water, especially wet steam, is sprayed onto the rolling stock (3) when it leaves the roll stand. Said heated water, especially the wet steam, is sprayed onto the rolling stock (3) from a main direction component of spraying which is not perpendicular to the surface of the rolling stock (3).

IPC 1-7

**B21B 45/02**; **C21D 1/667**; **C21D 1/60**

IPC 8 full level

**B21B 45/02** (2006.01); **C21D 1/60** (2006.01); **C21D 1/667** (2006.01); **B21B 45/08** (2006.01)

CPC (source: EP)

**B21B 45/0218** (2013.01); **C21D 1/667** (2013.01); **B21B 45/08** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0029140 A1 20000525**; AT E232147 T1 20030215; DE 19852759 A1 20000518; DE 59904248 D1 20030313; EP 1131170 A1 20010912; EP 1131170 B1 20030205

DOCDB simple family (application)

**DE 9903518 W 19991103**; AT 99960861 T 19991103; DE 19852759 A 19981116; DE 59904248 T 19991103; EP 99960861 A 19991103