

Title (en)

PICKLED STEEL PRODUCT SUBSEQUENT TREATMENT PROCESS AND DEVICE, IN PARTICULAR FOR PICKLED CARBON STEEL HOT STRIPS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR NACHBEHANDLUNG VON GEBEIZTEN STAHLPRODUKTEN, INSBESONDERE VON GEBEIZTEM C-STAHL-WARMBAND

Title (fr)

PROCEDE ET DISPOSITIF DE TRAITEMENT POSTERIEUR DE PRODUITS EN ACIER DECAPE, NOTAMMENT DE FEUILLARDS LAMINES A CHAUD EN ACIER ORDINAIRE

Publication

EP 0707668 A1 19960424 (DE)

Application

EP 94924237 A 19940705

Priority

- AT 134593 A 19930708
- EP 9402205 W 19940705

Abstract (en)

[origin: WO9502080A1] In a subsequent treatment process for pickled steel products which consists of rinsing the steel products with water in a flow rinsing installation, inert or noble gas is blown into at least one of the rinsing sections (1, 2, 3 or 4) of the rinsing installation. The formation of spots caused by hydrolysis on the surface of the steel products may thus be avoided in the event of a strip standstill. The device for carrying out the process consists of several rinsing sections (1, 2, 3, 4) provided each with at least one inlet (8) for a liquid rinsing medium. At least one of the rinsing sections (1, 2, 3 or 4) is provided with at least one inlet (19, 20) for blowing-in gases.

IPC 1-7

C23G 3/02; **C23G 1/00**

IPC 8 full level

B08B 3/02 (2006.01); **C23G 1/00** (2006.01); **C23G 3/02** (2006.01)

CPC (source: EP KR US)

B08B 3/022 (2013.01 - EP US); **C23G 1/00** (2013.01 - US); **C23G 3/02** (2013.01 - KR); **C23G 3/029** (2013.01 - EP US)

Citation (search report)

See references of WO 9502080A1

Cited by

BE1015624A3; DE19902320C2; WO2020207644A1

Designated contracting state (EPC)

DE ES FR LU SE

DOCDB simple family (publication)

WO 9502080 A1 19950119; AT 403931 B 19980625; AT A134593 A 19971115; AU 7457794 A 19950206; BR 9407004 A 19960806; CN 1057801 C 20001025; CN 1128548 A 19960807; DE 59401423 D1 19970206; EP 0707668 A1 19960424; EP 0707668 B1 19961227; ES 2097660 T3 19970401; FI 103586 B1 19990730; FI 103586 B 19990730; FI 960071 A0 19960108; FI 960071 A 19960108; KR 960703445 A 19960817; US 5837061 A 19981117

DOCDB simple family (application)

EP 9402205 W 19940705; AT 134593 A 19930708; AU 7457794 A 19940705; BR 9407004 A 19940705; CN 94193019 A 19940705; DE 59401423 T 19940705; EP 94924237 A 19940705; ES 94924237 T 19940705; FI 960071 A 19960108; KR 19950706045 A 19951230; US 58152396 A 19960408