

Title (en)

Process and system for the treatment of stainless-steel strips

Title (de)

Verfahren und System zum Behandeln von Edelstahlbändern

Title (fr)

Procédé et système pour le traitement de bandes d'acier inoxydable

Publication

EP 0789095 A1 19970813 (DE)

Application

EP 97250011 A 19970124

Priority

DE 19604971 A 19960202

Abstract (en)

Steel strip treatment involves descaling of the surface of strips made of special steels in installations serving for production of pickled hot-rolled and cold-rolled strips. An electrolytic pickling process is combined with ultrasonic cleaning of the strip surface in a dual descaling process.

Abstract (de)

Die Erfindung betrifft ein Verfahren und ein System zur Entzunderung der Oberfläche von Edelstahlbändern in Anlagen zur Herstellung von gebeiztem Warmband und Kaltband, durch die Kombination eines bekannten elektrolytischen Beizverfahrens mit einer Ultraschallreinigung der Bandoberfläche in einem dualen Entzunderungsprozeß. <IMAGE>

IPC 1-7

C25F 1/06; **B08B 3/12**

IPC 8 full level

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CPC (source: EP US)

B08B 3/123 (2013.01 - EP US); **C25F 1/06** (2013.01 - EP US); **C25F 7/00** (2013.01 - EP US)

Citation (search report)

- [X] US 5409594 A 19950425 - AL-JIBOORY MUHAMMED M [CA], et al
- [X] WO 9503439 A1 19950202 - DYNAMOTIVE CORP [CA]
- [A] GB 998575 A 19650714 - NOBURO SASAKI
- [A] EP 0518850 A1 19921216 - ANDRITZ PATENTVERWALTUNG [AT]
- [X] DATABASE WPI Section Ch Week 7644, Derwent World Patents Index; Class M11, AN 76-81747X, XP002029248

Cited by

RU2759938C1; CN1093450C; RU2764255C1; WO2020095090A1; WO2020095198A1

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