

Title (en)

Method for determining the pickling time of a scaled metal strip

Title (de)

Verfahren zur Ermittlung einer Beizzeit eines eine Zunderschicht aufweisenden Metallbandes

Title (fr)

Méthode pour déterminer le temps de décapage d'une bande métallique couvert de calamine

Publication

**EP 1106713 A3 20020731 (DE)**

Application

**EP 00126992 A 20001208**

Priority

DE 19959204 A 19991208

Abstract (en)

[origin: EP1106713A2] The pickling time (TBeiz) is determined using a computer model (7) supplied with information specific to the strip (10), and specific to the pickling bath (9).

IPC 1-7

**C23G 1/00**

IPC 8 full level

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

CPC (source: EP)

**C23G 1/00** (2013.01); **C23G 1/02** (2013.01); **C23G 1/08** (2013.01)

Citation (search report)

- [A] DE 19743022 A1 19990401 - SIEMENS AG [DE]
- [A] NL 6401445 A 19650819 & US 6096137 A 20000801 - MABUCHI KATSUMI [JP], et al
- [X] YAMAGUCHI SUSUMU ET AL: "Improvement in descaling of hot strip by hydrochloric acid", ISIJ INT;ISIJ INTERNATIONAL 1994 IRON & STEEL INST OF JAPAN, TOKYO, JPN, vol. 34, no. 8, 1994, pages 670 - 678, XP001079062
- [X] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 02 26 February 1999 (1999-02-26)

Cited by

US2010269854A1; KR101227282B1; US8834636B2; FR2925530A1; WO2010006895A1; WO2009098401A1; WO2021058044A1; EP1167577B1

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