Title (en)

METHOD FOR PRODUCING A HOT ROLLED STRIP MADE OF A STEEL COMPRISING A HIGH CONTENT OF MANGANESE

Title (de)

VERFAHREN ZUM ERZEUGEN EINES WARMBANDES AUS EINEM EINEN HOHEN MANGAN-GEHALT AUFWEISENDEN STAHL

Title (fr)

PROCEDE DE PRODUCTION D'UN FEUILLARD A CHAUD EN ACIER PRESENTANT UNE TENEUR ELEVEE EN MAGANESE

Publication

EP 1341937 A1 20030910 (DE)

Application

EP 01991793 A 20011206

Priority

- DE 10060948 A 20001206
- EP 0114306 W 20011206

Abstract (en)

[origin: WO0246480A1] According to the invention, a pre-strip (V), which is close to the final dimensions and which has a thickness of up to 6 mm is cast from a steel containing more than 12 to 30 wt. % of manganese in a two-roll casting machine (2). After casting, said pre-strip is continuously hot-rolled in preferably one single pass. The inventive method enables the production of steel strips, which have a good deformation behavior despite their high content of manganese.

IPC 1-7

C21D 8/02

IPC 8 full level

B21B 1/26 (2006.01); **B21B 1/46** (2006.01); **B21B 3/00** (2006.01); **B22D 11/00** (2006.01); **B22D 11/06** (2006.01); **B22D 11/12** (2006.01); **C21D 8/02** (2006.01); **C22C 38/00** (2006.01); **C22C 38/06** (2006.01); B21B 3/02 (2006.01); B21B 9/00 (2006.01)

CPC (source: EP US)

B22D 11/001 (2013.01 - EP US); **B22D 11/0622** (2013.01 - EP US); **C21D 8/0205** (2013.01 - EP US); **C21D 8/0215** (2013.01 - EP US); **C21D 8/0226** (2013.01 - EP US); B21B 1/463 (2013.01 - EP US); B21B 3/02 (2013.01 - EP US); B21B 9/00 (2013.01 - EP US)

Citation (search report)

See references of WO 0246480A1

Cited by

DE102009030324A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0246480 A1 20020613; AT E267269 T1 20040615; AU 3166402 A 20020618; CN 1236076 C 20060111; CN 1466633 A 20040107; CZ 20031558 A3 20040218; CZ 304928 B6 20150128; DE 10060948 A1 20020627; DE 10060948 C2 20030731; DE 50102363 D1 20040624; EP 1341937 A1 20030910; EP 1341937 B1 20040519; ES 2221659 T3 20050101; JP 2004515362 A 20040527; JP 3836793 B2 20061025; PL 196538 B1 20080131; PL 362508 A1 20041102; US 2004074628 A1 20040422; US 2007199631 A1 20070830

DOCDB simple family (application)

EP 0114306 W 20011206; AT 01991793 T 20011206; AU 3166402 A 20011206; CN 01816434 A 20011206; CZ 20031558 A 20011206; DE 10060948 A 20001206; DE 50102363 T 20011206; EP 01991793 A 20011206; ES 01991793 T 20011206; JP 2002548196 A 20011206; PL 36250801 A 20011206; US 43372903 A 20031007; US 79624507 A 20070427