

Title (en)

A METHOD FOR PROCESSING A STEEL PRODUCT, AND PRODUCT PRODUCED USING SAID METHOD

Title (de)

VERFAHREN ZUR VERARBEITUNG EINES STAHLPRODUKTES UND PRODUKT, DAS UNTER BENUTZUNG DES VERFAHRENS HERGESTELLT WIRD

Title (fr)

PROCEDE DE TRAITEMENT D'UN PRODUIT EN ACIER, ET PRODUIT OBTENU PAR CE TRAITEMENT

Publication

EP 1599299 B1 20070704 (EN)

Application

EP 04710868 A 20040213

Priority

- EP 2004001502 W 20040213
- EP 03075546 A 20030224
- EP 04710868 A 20040213

Abstract (en)

[origin: EP1449596A1] The invention relates to a method for processing a steel product, in which the steel product is passed between a set of rotating rolls of a rolling mill stand in order to roll the steel product. According to the invention, the rolls of the rolling mill stand have different peripheral velocities such that one roll is a faster moving roll and the other roll is a slower moving roll, and the peripheral velocity of the faster moving roll is at least 5% higher and at most 100% higher than that of the slower moving roll, and the thickness of the steel product is reduced by at most 15% per pass, and the rolling takes place at a maximum temperature of 1350 DEG C. <??>The invention also relates to a steel product produced using the method, and to the use of this steel product.

IPC 8 full level

B21B 1/02 (2006.01); **B21B 1/22** (2006.01); **B21B 1/38** (2006.01); **B21B 3/02** (2006.01); **C21D 8/00** (2006.01); **C21D 8/02** (2006.01)

CPC (source: EP KR US)

B21B 1/026 (2013.01 - EP KR US); **B21B 3/02** (2013.01 - KR); **B21B 37/16** (2013.01 - KR); **C21D 8/00** (2013.01 - KR); **C21D 8/0226** (2013.01 - KR); **C21D 8/0236** (2013.01 - KR); **B21B 3/02** (2013.01 - EP US); **B21B 2001/225** (2013.01 - EP KR US); **B21B 2001/383** (2013.01 - EP KR US); **B21B 2267/065** (2013.01 - EP KR US); **B21B 2275/02** (2013.01 - KR); **B21B 2275/05** (2013.01 - EP KR US); **C21D 8/00** (2013.01 - EP US); **C21D 8/0226** (2013.01 - EP US); **C21D 8/0236** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1449596 A1 20040825; AT E366149 T1 20070715; AU 2004213135 A1 20040902; BR PI0407621 A 20060221; BR PI0407621 B1 20140617; CN 1767910 A 20060503; DE 602004007362 D1 20070816; EP 1599299 A1 20051130; EP 1599299 B1 20070704; JP 2006520692 A 20060914; KR 20050100701 A 20051019; MX PA05008979 A 20060427; PT 1599299 E 20070911; RU 2005129721 A 20060427; UA 85550 C2 20090210; US 2007051439 A1 20070308; WO 2004073900 A1 20040902; ZA 200506720 B 20061129

DOCDB simple family (application)

EP 03075546 A 20030224; AT 04710868 T 20040213; AU 2004213135 A 20040213; BR PI0407621 A 20040213; CN 200480008619 A 20040213; DE 602004007362 T 20040213; EP 04710868 A 20040213; EP 2004001502 W 20040213; JP 2006501871 A 20040213; KR 20057015675 A 20050824; MX PA05008979 A 20040213; PT 04710868 T 20040213; RU 2005129721 A 20040213; UA 2005009038 A 20040213; US 54619204 A 20040213; ZA 200506720 A 20040213