

Title (en)  
METHOD AND INSTALLATION FOR THE PRODUCTION OF STEEL PRODUCTS HAVING AN OPTIMUM SURFACE QUALITY

Title (de)  
VERFAHREN UND ANLAGE ZUM ERZEUGEN VON STAHLPRODUKTEN MIT BESTER OBERFLÄCHENQUALITÄT

Title (fr)  
PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE DES PRODUITS EN ACIER QUI PRESENTENT UNE QUALITE SUPERFICIELLE OPTIMALE

Publication  
**EP 1631691 A2 20060308 (DE)**

Application  
**EP 04739328 A 20040525**

Priority

- EP 2004005580 W 20040525
- DE 10325955 A 20030607

Abstract (en)  
[origin: WO2004108971A2] Disclosed are a method and an installation for producing steel products (1) having an optimum surface quality, especially extremely low carbon contents (UCL steel or IF steel), nitrogen contents, total oxygen contents, high-strength or stainless steel qualities. According to the invention, the liquid steel is cast into a thin slab (5a) from a process route (10, 11, 12, or 13) that is selected according to the desired final structure (9) based on an electric-arc furnace (2b), is descaled, cut into billets (15) having a partial length, optionally descaled once again, subjected to final descaling downstream from a holding furnace (16), milled in a finishing mill train (6a), rolled up in a rolling station (20) located downstream from the last finishing mill stand (19) or downstream from a cooling section (21), and the final structure (9) is adjusted in the cooling section (21) according to the desired steel quality by cooling on a run-out roller table (22), whereupon the rolling stock (1a) is completely rolled up in a second rolling station (23).

IPC 1-7  
**C21C 7/10**

IPC 8 full level  
**C21C 5/52** (2006.01); **C21C 7/10** (2006.01); **B21B 1/26** (2006.01); **B21B 1/46** (2006.01); **B21B 3/02** (2006.01); **B21B 37/74** (2006.01); **B21B 37/76** (2006.01); **B21B 45/00** (2006.01); **B21B 45/08** (2006.01); **C21D 8/02** (2006.01)

CPC (source: EP US)  
**C21C 5/5264** (2013.01 - EP US); **C21C 5/5294** (2013.01 - EP US); **C21C 7/10** (2013.01 - EP US); **B21B 1/26** (2013.01 - EP US); **B21B 1/466** (2013.01 - EP US); **B21B 3/02** (2013.01 - EP US); **B21B 37/74** (2013.01 - EP US); **B21B 37/76** (2013.01 - EP US); **B21B 45/004** (2013.01 - EP US); **B21B 45/08** (2013.01 - EP US); **B21B 2201/14** (2013.01 - EP US); **C21D 8/02** (2013.01 - EP US); **Y02P 10/20** (2015.11 - EP US); **Y10T 29/5184** (2015.01 - EP US)

Citation (search report)  
See references of WO 2004108971A2

Citation (examination)

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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 PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004108971 A2 20041216**; **WO 2004108971 A3 20050331**; CN 1820084 A 20060816; DE 10325955 A1 20041223; EP 1631691 A2 20060308; MY 146928 A 20121015; RU 2005141563 A 20060627; RU 2351658 C2 20090410; TW 200516154 A 20050516; TW I323286 B 20100411; US 2007272054 A1 20071129; US 2010000062 A1 20100107; US 7998237 B2 20110816; US 8021599 B2 20110920

DOCDB simple family (application)  
**EP 2004005580 W 20040525**; CN 200480015821 A 20040525; DE 10325955 A 20030607; EP 04739328 A 20040525; MY PI20042157 A 20040603; RU 2005141563 A 20040525; TW 93113645 A 20040514; US 37830509 A 20090213; US 55980204 A 20040525