

Title (en)  
METHOD FOR PRODUCING A METAL STRIP, IN PARTICULAR FROM A HOT-ROLLED STEEL STRIP CONSISTING OF A CONTINUOUS CAST PRE-STRIP

Title (de)  
VERFAHREN ZUM HERSTELLEN VON METALLBAND, INSBESONDERE VON WARMGEWALZTEM STAHLBAND AUS STANGGEGOSSENEM VORBAND

Title (fr)  
PROCEDE POUR PRODUIRE UN FEUILLARD METALLIQUE, NOTAMMENT UN FEUILLARD EN ACIER LAMINE A CHAUD, A PARTIR D'UN PRE-FEUILLARD COULE EN CONTINU

Publication  
**EP 1420897 B1 20050209 (DE)**

Application  
**EP 02796234 A 20020816**

Priority  
• DE 10141179 A 20010822  
• EP 0209194 W 20020816

Abstract (en)  
[origin: WO03018222A1] The invention relates to a method and a direct strand reduction installation for producing a metal strip, in particular a hot-rolled steel strip consisting of a continuous cast pre-strip, on pass lines comprising blooming trains (2) and finishing trains (3). According to the invention, the changeover from the blooming train (2) into the finishing train (3) is achieved in an energy saving manner and without additional equipment. To achieve this, the cast strand in the blooming train (2), which has a direct connection to a run-out of the continuous casting installation (1), is rolled to form a pre-strip and is subsequently coiled in a winding coil box (4) and only the thermal losses of the coils are compensated in relation to the initial pass temperature, by heating the coils in a continuous furnace (7).

IPC 1-7  
**B21B 1/46**; **B21B 1/24**

IPC 8 full level  
**B21B 1/24** (2006.01); **B21B 1/46** (2006.01); **B21B 1/26** (2006.01); **B21B 15/00** (2006.01); **B21B 45/00** (2006.01); **B21B 45/08** (2006.01)

CPC (source: EP)  
**B21B 1/463** (2013.01); **B21B 1/26** (2013.01); **B21B 45/004** (2013.01); **B21B 45/08** (2013.01); **B21B 2015/0057** (2013.01)

Cited by  
CN102319738A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**WO 03018222 A1 20030306**; AT E288794 T1 20050215; DE 10141179 A1 20030306; DE 50202238 D1 20050317; EP 1420897 A1 20040526; EP 1420897 B1 20050209

DOCDB simple family (application)  
**EP 0209194 W 20020816**; AT 02796234 T 20020816; DE 10141179 A 20010822; DE 50202238 T 20020816; EP 02796234 A 20020816