

Title (en)

CASTING AND ROLLING PLANT AND METHOD FOR PRODUCING SLABS

Title (de)

GIESSWALZANLAGE UND VERFAHREN ZUM HERSTELLEN VON BRAMMEN

Title (fr)

INSTALLATION DE LAMINAGE DE COULÉE CONTINUE ET PROCÉDÉ DE FABRICATION DE BRAMES

Publication

EP 3027331 B1 20170301 (DE)

Application

EP 14747587 A 20140729

Priority

- DE 102013214940 A 20130730
- EP 2014066318 W 20140729

Abstract (en)

[origin: WO2015014864A1] The invention relates to a casting and rolling plant having a strip-casting machine and to a method for producing near-net strips. In addition to the strip-casting machine for casting a cast strand, the casting and rolling plant comprises shears 130 for separating the cast strand into slabs of predetermined length, a temperature-homogenization device 140 and also a Steckel rolling mill to roll the slabs to form near-net strips with a predetermined thickness. In order to make it possible to construct the casting and rolling plant in more compact form and at the same time to make it possible for the production method to be more economical in terms of time and energy, the invention proposes that a multi-roller smoothing device 120 is arranged between the output of the strip-casting machine 110 and the temperature-homogenization device 140 in the casting and rolling plant, and that a roller table is provided between the output of the temperature-homogenization device and the Steckel rolling mill to feed the slabs directly into the Steckel rolling mill (160).

IPC 8 full level

B21B 1/46 (2006.01)

CPC (source: EP)

B21B 1/466 (2013.01); **B21B 1/26** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015014864 A1 20150205; CN 105473247 A 20160406; DE 102013214940 A1 20150205; EP 3027331 A1 20160608; EP 3027331 B1 20170301

DOCDB simple family (application)

EP 2014066318 W 20140729; CN 201480043513 A 20140729; DE 102013214940 A 20130730; EP 14747587 A 20140729