

Title (en)

Method for producing steel bands using continuous casting or semi-continuous casting

Title (de)

Verfahren zum Herstellen von Stahlbändern durch Endloswalzen oder Semi-Endloswalzen

Title (fr)

Procédé de fabrication de bandes en acier par laminage continu ou semi-laminage continu

Publication

EP 2428288 B1 20130417 (DE)

Application

EP 10175759 A 20100908

Priority

EP 10175759 A 20100908

Abstract (en)

[origin: EP2428288A1] The method involves selecting a cutting plan when desired end thickness and desired end roller temperature are obtained within a system-technical limit value. A roller frame of a completed roll train (5) is brought from a roller contact or the roller frame is brought into the roller contact under a condition that energy supplied to a furnace (7) and/or the roll train is minimized. The roller frame is arranged downstream to the other roller frame. Inlet temperature of a support band (3') is adjusted by regulating the furnace and the roll train according to the cutting plan. An independent claim is also included for a computer program product having instructions for executing a method for producing steel bands.

IPC 8 full level

B21B 1/46 (2006.01); **B21B 37/74** (2006.01)

CPC (source: EP KR)

B21B 1/46 (2013.01 - KR); **B21B 37/16** (2013.01 - EP); **B21B 37/74** (2013.01 - EP KR); **C21D 8/0215** (2013.01 - EP); **C21D 8/0415** (2013.01 - EP); **C21D 8/0426** (2013.01 - EP); **B21B 1/46** (2013.01 - EP); **B21B 38/006** (2013.01 - EP); **B21B 38/04** (2013.01 - EP)

Cited by

CN108205743A; CN109523100A; US11000888B2; WO2016180882A1; WO2023099531A1; EP4061552B1

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2428288 A1 20120314; **EP 2428288 B1 20130417**; CN 103079719 A 20130501; CN 103079719 B 20161019; KR 101802898 B1 20171129; KR 20130099091 A 20130905; RU 2013114982 A 20141020; RU 2579842 C2 20160410; UA 107981 C2 20150310; WO 2012032071 A1 20120315

DOCDB simple family (application)

EP 10175759 A 20100908; CN 201180043406 A 20110907; EP 2011065426 W 20110907; KR 20137008936 A 20110907; RU 2013114982 A 20110907; UA A201302827 A 20110907