

Title (en)

METHOD OF AND INSTALLATION FOR ROLLING STRIPS CASTED IN A CONTINUOUS STRIP CASTING INSTALLATION

Publication

EP 0327854 A3 19900509 (DE)

Application

EP 89100927 A 19890120

Priority

DE 3803592 A 19880206

Abstract (en)

[origin: EP0327854A2] Rough steel strips from a continuous caster is immediately stored in cut lengths in a roller hearth furnace and passed into the finishing hot rolling mill stands where it is rolled either to finished steel strip or (with a reduced number of passes) to plates. The steel band produced by the continuous caster is divided in the cutting station into rough strip lengths for storage in the roller hearth furnace, where the temperature is raised to 1050-1100 deg. C. Cropping by the shears and descaling in the unit leads to the four finishing hot rolling mill stands, followed by a cooling bed and a reel. For plates, the bridge is lowered and the roller table passes the strand to shears and the plates through a pair of drive rolls to a stacker.

IPC 1-7

B21B 1/46

IPC 8 full level

B21B 1/46 (2006.01)

CPC (source: EP)

B21B 1/466 (2013.01)

Citation (search report)

- [A] DE 2019700 A1 19701119 - VOEST AG
- [A] PATENT ABSTRACTS OF JAPAN, Band 4, Nr. 147 (M-36)(629) 16 Oktober 1980; & JP-A-55 100 804 (TOKYO SHIBAURA DENKI K.K.) 01-08-1980
- [A] PATENT ABSTRACTS OF JAPAN, Band 5, Nr. 33 (M-57)(705) 28 Februar 1981; & JP-A-55 158 806 (DAIDO TOKUSHUKO) 10-12-1980

Cited by

CN107075600A; DE102009029888B4; CN100418650C; US5222546A; US5769149A; EP0611610A1; US5810069A; EP0853987A3; AU2005334649B2; AU2008229955B2; DE102009029888A1; US7967056B2; WO2016059183A1; WO2007010564A1; US8162032B2; EP0416356B1

Designated contracting state (EPC)

AT DE ES FR GB IT

DOCDB simple family (publication)

EP 0327854 A2 19890816; EP 0327854 A3 19900509; EP 0327854 B1 19920401; AT E74297 T1 19920415; DE 3803592 A1 19890817; DE 58901060 D1 19920507; ES 2029907 T3 19921001

DOCDB simple family (application)

EP 89100927 A 19890120; AT 89100927 T 19890120; DE 3803592 A 19880206; DE 58901060 T 19890120; ES 89100927 T 19890120