

Title (en)

Operating process and roll train for continuously rolling a sectional bar to a finished profile section with given accurate dimensions.

Title (de)

Arbeitsverfahren und Walzenstrasse zum kontinuierlichen Walzen eines profilierten Walzgutstranges auf einen vorgegebenen, massgenauen (Fertig-) Profilquerschnitt.

Title (fr)

Mode opératoire et train de laminoirs pour laminier continuellement une matière à laminier profilée en une section transversale de dimensions exactes et données.

Publication

EP 0340505 B1 19940302 (DE)

Application

EP 89106675 A 19890414

Priority

DE 3815312 A 19880505

Abstract (en)

[origin: JPH01313101A] PURPOSE: To roll a rolling stock into a cross-sectional shape of a correct dimension by locally and preliminarily determining by means of a pre-stand, the dimension of a peripheral range of the cross section of the rolling stock which runs into a pair of rolls of next main stand after leaving the last pre-stand. CONSTITUTION: A rolling stand, wherein a vertical roll pair 1 forming an opened pre-roll coverlet and a horizontal roll pair 2 forming a closed roll coverlet are arranged, is provided in the back side of the vertical roll 3 of the last stand 4 in a continuous forming stock rolling line. And the peripheral range of the cross section of the rolling stock is locally rolled by the vertical roll pair 1 so that the rolling stock running into the rolling stand is not remarkably deformed.

IPC 1-7

B21B 1/12; **B21B 1/18**

IPC 8 full level

B21B 1/12 (2006.01); **B21B 1/18** (2006.01); **B21B 13/12** (2006.01); **B21B 31/04** (2006.01); **B21B 31/24** (2006.01); **B21B 31/32** (2006.01); **B21B 13/14** (2006.01); **B21B 37/52** (2006.01)

CPC (source: EP US)

B21B 1/18 (2013.01 - EP US); **B21B 13/12** (2013.01 - EP US); **B21B 31/04** (2013.01 - EP US); **B21B 31/24** (2013.01 - EP US); **B21B 31/32** (2013.01 - EP US); **B21B 13/14** (2013.01 - EP US); **B21B 37/52** (2013.01 - EP US); **B21B 2203/36** (2013.01 - EP US); **B21B 2275/04** (2013.01 - EP US)

Citation (examination)

- JP S58135707 A 19830812 - DAIDO STEEL CO LTD
- JP S61229403 A 19861013 - UENO SHIGENOBU

Cited by

EP0726100A1; EP0476467A3; CN103274880A; US6035685A; EP0560115A1

Designated contracting state (EPC)

AT CH DE ES GB IT LI SE

DOCDB simple family (publication)

EP 0340505 A2 19891108; **EP 0340505 A3 19900523**; **EP 0340505 B1 19940302**; AT E102086 T1 19940315; CN 1038954 A 19900124; DE 58907057 D1 19940407; JP 2685892 B2 19971203; JP H01313101 A 19891218; RU 2062672 C1 19960627; US 5000023 A 19910319

DOCDB simple family (application)

EP 89106675 A 19890414; AT 89106675 T 19890414; CN 89104409 A 19890505; DE 58907057 T 19890414; JP 10925689 A 19890501; SU 4614084 A 19890425; US 34856689 A 19890505