

Title (en)

Process and equipment for straightening a thin metal band

Title (de)

Verfahren und Vorrichtung zum Richten eines dünnen Metallbandes

Title (fr)

Procédé et installation de planage d'une bande métallique mince

Publication

EP 0665069 B1 19991222 (FR)

Application

EP 95400163 A 19950125

Priority

FR 9401090 A 19940201

Abstract (en)

[origin: EP0665069A1] A process is claimed for planishing a thin metal strip (1) under traction in an installation comprising a planishing machine (3) incorporating at least one bending unit (30) with two planishing units (31,32) staggered in height and a dressing assembly of multi-rollers (5) on upper and lower frames (6,6') each carrying a row of rollers (51,51') that are parallel and staggered longitudinal and by height. Some means are provided to regulate the overlapping of the planishing units (31,32) and the dressing assembly (5) and two tensioning blocks (2,2') to determine the elongation imposed on the strip. Flatness are corrected in the planishing machine (3) by regulating the speed of defilement and the overlapping of the planishing units (31,32) and longitudinal camber defects are corrected in the multi-roller dressing assembly (5). The installation used is also claimed.

IPC 1-7

B21D 1/05

IPC 8 full level

B21D 1/05 (2006.01)

CPC (source: EP US)

B21D 1/05 (2013.01 - EP US)

Cited by

DE102009041852A1; DE102013106243C5; WO2011032890A1; CN108698101A; DE102011053676A1; DE102011053676B4; CN102548681A; EP3437749A1; WO2019025179A1; EP2813299A1; EP2813299B1

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

EP 0665069 A1 19950802; EP 0665069 B1 19991222; DE 69514010 D1 20000127; DE 69514010 T2 20000608; FR 2715592 A1 19950804; FR 2715592 B1 19960412; JP H0833919 A 19960206; US 5666836 A 19970916

DOCDB simple family (application)

EP 95400163 A 19950125; DE 69514010 T 19950125; FR 9401090 A 19940201; JP 3626895 A 19950201; US 38168095 A 19950131