

Title (en)

Straightening machine, particularly to straighten plates and strips

Title (de)

Richtmaschine, insbesondere zum Richten von Blechen und Bändern

Title (fr)

Machine de dressage, en particulier pour planer tôles et bandes

Publication

EP 0615797 B1 19990107 (DE)

Application

EP 94102620 A 19940222

Priority

DE 4308744 A 19930319

Abstract (en)

[origin: EP0615797A1] A straightening (levelling) machine (1), particularly for straightening (levelling) sheet and strip, with offset upper and lower levelling rollers (11, 13) which are supported over their length by means of back-up rollers (12, 14) supported, for their part, on crossmembers (4, 5) and arranged in roller frames (6, 7), at least the upper crossmember being adjustable by means of adjusting cylinders (8) in order to position the levelling rollers, and with compensation cylinders (17, 18) arranged between the roller frame and the crossmember, allows pivoting adjustments if the upper roller frame (6) and the upper crossmember (5) are designed to buckle in the feed direction of the stock to be levelled and if buckling points (19, 20, 21, 21') are provided in a plurality of planes situated one above the other. <IMAGE>

IPC 1-7

B21D 1/02

IPC 8 full level

B21D 1/02 (2006.01)

CPC (source: EP US)

B21D 1/02 (2013.01 - EP US)

Cited by

CN102357563A; CN109968887A; WO2011029486A1

Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

EP 0615797 A1 19940921; EP 0615797 B1 19990107; CA 2119118 A1 19940920; CA 2119118 C 20060110; CN 1051261 C 20000412; CN 1095318 A 19941123; DE 4308744 A1 19940922; DE 59407573 D1 19990218; RU 2118920 C1 19980920; UA 27803 C2 20001016; US 5479806 A 19960102

DOCDB simple family (application)

EP 94102620 A 19940222; CA 2119118 A 19940315; CN 94102902 A 19940319; DE 4308744 A 19930319; DE 59407573 T 19940222; RU 94008753 A 19940318; UA 94005133 A 19940315; US 21091094 A 19940321