

Title (en)

STRAIGHTENING MACHINE FOR LONG MATERIAL

Publication

EP 0414036 B1 19930609 (DE)

Application

EP 90115144 A 19900807

Priority

DE 3927465 A 19890819

Abstract (en)

[origin: EP0414036A2] The bending and straightening machine (100) is provided for long material (10) to be straightened and has straightening abutments (5, 6) which are arranged at a distance from one another in the longitudinal direction of the material (10) to be straightened and between which are arranged straightening rams (8). Adjacent to the straightening abutments (5, 6) and to the straightening rams (8) are measuring devices (T1, T2, T3), by means of which the curvature of the material (10) to be straightened in the straightening section (3) can be determined. A fourth measuring device (T4) is provided after the last measuring device (T3) in the conveying direction (4) and the signals of this fourth measuring device are taken into account via a computer (35) in the control of the straightening rams (8). <IMAGE>

IPC 1-7

B21D 3/10

IPC 8 full level

B21D 3/10 (2006.01)

CPC (source: EP)

B21D 3/10 (2013.01)

Cited by

US2017284798A1; IT202200014638A1; CN102728991A; CN104998929A; CN112605174A; CN106563743A; CN102069111A; EP1214990A3; FR2876925A1; EP1652593A1; WO2010023563A3; FR2873601A1; EP3225320A1; US10371517B2; EP3225320B1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0414036 A2 19910227; EP 0414036 A3 19910410; EP 0414036 B1 19930609; DE 3927465 A1 19910221; DE 59001683 D1 19930715

DOCDB simple family (application)

EP 90115144 A 19900807; DE 3927465 A 19890819; DE 59001683 T 19900807