

Title (en)
ROLL-BENDING MACHINE

Publication
EP 0282680 A3 19900321 (DE)

Application
EP 87810283 A 19870505

Priority
CH 98387 A 19870316

Abstract (en)
[origin: EP0282680A2] It has been found that in roll-bending machines with long rolls, inaccuracies in the bent product occur even if the synchronising control of the side rolls (3) works faultlessly. It has now been found that this is a consequence of the unsymmetrical deflection of the top roll (1) and that this fault can be rectified by a correction member (30) in the synchronising control, this correction member being intended to set the side roll (3) in an appropriate oblique position. This correction element can be an element (30) which is inserted between the synchronising valve (31) and the bearing (20) of the synchronising shaft (9) and whose effective length is changed in proportion to the pressure p acting on the bottom roll. <IMAGE>

IPC 1-7
B21D 5/14

IPC 8 full level
B21D 5/14 (2006.01)

CPC (source: EP)
B21D 5/14 (2013.01)

Citation (search report)

- DE 238610 C 19110927
- FR 745457 A 19330510
- GB 1099191 A 19680117 - SCOTTISH MACHINE TOOL CORP LTD
- DE 2610596 A1

Cited by
CN101912904A; CN100346894C; CN112091015A

Designated contracting state (EPC)
DE ES GB IT SE

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