

Title (en)

ROLL BENDING DEVICE FOR AXIALLY SHIFTING ROLLS OF A MULTIPLE ROLLING STAND

Publication

EP 0233460 B1 19910508 (DE)

Application

EP 87100220 A 19870109

Priority

- DE 3601239 A 19860117
- DE 3604133 A 19860210

Abstract (en)

[origin: EP0233460A2] A bending device for axially displaceable rolls with at least one bending cylinder, the pressure piston of which acts on a chock 3, 4 of a displaceable roll, is provided with an intermediate piece 21 or 46, 56 or 47, 57 which covers the pressure piston or pressure pistons, is guided free of canting in a block 16 fixed to the housing and is provided with a flat pressure-transmission surface 22, 34 on the chock side. Since the counterpressure surface 23, 35 on the chock, e.g. on a laterally projecting claw of the same, is arranged symmetrically to the transverse centre plane M of the radial bearing of the chock, the bending force always acts in this centre plane on the chock, which lateral relative position may also be assumed by the chock of the axially displaceable roll relative to the bending device. The guidance free of canting, which guidance absorbs tilting moments of the intermediate piece, can be improved by a mechanical synchronising device. The pressure pistons are no longer subjected to transverse forces from the axial displacement of the rolls or their chocks. All hydraulic lines can be permanently laid. <IMAGE>

IPC 1-7

B21B 29/00; B21B 31/18

IPC 8 full level

B21B 29/00 (2006.01); **B21B 31/18** (2006.01)

CPC (source: EP)

B21B 29/00 (2013.01); **B21B 2269/14** (2013.01)

Cited by

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