

Title (en)

MULTIPLE-ROLL ROLLING MILL STAND WITH SHIFTABLE INTERMEDIARY ROLLS HAVING TAPERED ENDS

Publication

EP 0255714 B1 19920506 (DE)

Application

EP 87111242 A 19870804

Priority

- DE 3626516 A 19860805
- DE 3720610 A 19870623

Abstract (en)

[origin: US4805433A] In a multi-roll rolling stand having two intermediate rolls 3 to 6, which each have only one tapered roll barrel end, in each case two tapered roll barrel ends lie on each side of the rolling stand. The intermediate rolls 3, 4 and 5, 6, the two roll barrel ends of which lie on the same side of the rolling stand, are independently displaceable in an axial direction. Due to the axial offset of the tapered roll barrel ends which can be achieved in this manner, the support curve of the work rolls 1, 2 in the edge regions of the rolled strip can be finely adjusted. In addition, the support curve in the center region of the strip can also be adjusted if in each case one of the two work rolls 3, 4 associated with each work roll 1, 2 is contoured.

IPC 1-7

B21B 13/14; B21B 31/18

IPC 8 full level

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CPC (source: EP US)

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Cited by

AU632719B2; EP0401685A1

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EP 0255714 A2 19880210; EP 0255714 A3 19900117; EP 0255714 B1 19920506; CZ 277967 B6 19930714; CZ 582887 A3 19930217; ES 2031478 T3 19921216; JP H069686 B2 19940209; JP S63101009 A 19880506; RU 2011448 C1 19940430; US 4805433 A 19890221

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