

Title (en)

Rolling stand with back-up and work rolls for rolling sheets and strips

Title (de)

Walzgerüst mit Stütz- und Arbeitswalzen zum Walzen von Blechen und Bändern

Title (fr)

Cage de laminoir à cylindres d'appui et de travail pour le laminage de tôles et de bandes

Publication

EP 0734794 B1 19990127 (DE)

Application

EP 96250070 A 19960328

Priority

DE 19512929 A 19950330

Abstract (en)

[origin: DE19512929C1] The rolling stand for sheet and strip rolling incorporates top and bottom working rolls which together with their respective support rolls are horizontally displaceable in such a way that their axes (no longer remaining in a common vertical plane) cross one another. Each journal (5, 6) of the working rolls (4) in a self-aligning bearing (11) is housed in an eccentric sleeve (10) in the mounting block (3). Each sleeve (10) is rotatable in an opposite sense relative to the other sleeve (10). At the same time, the crossing angles of the top and bottom roll sets are equal to one another.

IPC 1-7

B21B 13/02

IPC 8 full level

B21B 13/02 (2006.01); **B21B 31/26** (2006.01)

CPC (source: EP)

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Cited by

CN110421011A; CN114144289A; WO2023217309A1

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