

Title (en)

Device for adjusting the upper edge of the lower working roll to the rolling line.

Title (de)

Vorrichtung zum Angleichen der Oberkante der unteren Arbeitswalze an die Walzlinie.

Title (fr)

Dispositif pour équilibrer le bord supérieur du cylindre de travail inférieur à la ligne de laminage.

Publication

EP 0513946 B1 19950215 (DE)

Application

EP 92250097 A 19920427

Priority

DE 4115958 A 19910513

Abstract (en)

[origin: EP0513946A2] The invention relates to a device for adjusting the upper edge of the lower working roll of roll stands, in particular four-high stands, to the rolling line by means of a pair of wedges underneath each lower roll chock, comprising a lower wedge element displaceable horizontally in the axial direction of the roll and an upper wedge element displaceable only in the vertical direction, these wedges resting on one another by their wedge faces during the rolling operation. In order to simplify a conventional device to allow sufficiently accurate adjustment of the upper edge of the lower working roll to the rolling line to be carried out by simple and, in particular, space-saving means, it is proposed that each upper wedge element (6) should be raisable and lowerable together with the respective roll chock (2, 3) by means of a lifting device (10) and that the wedge faces of both wedges (5, 6) should be stepped, the steps interengaging and thereby supporting the wedge elements (5, 6) vertically. <IMAGE>

IPC 1-7

B21B 31/30

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN102513357A; CN105251785A; CN111069294A; US9527121B2; WO2011023378A1; WO2008058595A1; EP0972579A2; US6170311B1; US8099990B2

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