

Title (en)

DEVICE FOR ADJUSTING THE UPPER EDGE OF THE LOWER WORKING ROLL TO THE ROLLING LINE

Publication

**EP 0513946 A3 19930113 (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

**B21B 31/20** (2006.01); **B21B 31/30** (2006.01)

CPC (source: EP US)

**B21B 31/30** (2013.01 - EP US)

Citation (search report)

- [AD] DE 2806525 A1 19790823 - SCHLOEMANN SIEMAG AG
- [AD] EP 0231445 A1 19870812 - SCHLOEMANN SIEMAG AG [DE]
- [A] DE 2513666 A1 19761007 - ACHENBACH BUSCHHUETTEN GMBH
- [A] US 4237715 A 19801209 - LUTZ LAVERNE H [US]

Cited by

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

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