

Title (en)  
METHOD AND APPARATUS FOR THE HORIZONTAL ADJUSTMENT OF ROLLS IN A ROLLING MILL

Publication  
**EP 0231445 B1 19890614 (DE)**

Application  
**EP 86115529 A 19861108**

Priority  
DE 3544781 A 19851218

Abstract (en)  
[origin: US4751837A] A method and apparatus for height or level-positioning of rolls in rolling mill frames, for adapting the upper edge of the lower working roll to the rolling plane, and for changing the rolls, especially in four-high mills equipped with a roll changing cart which can travel in the longitudinal direction of the rolls, and equipped with interchangeable shim plates of various individual thicknesses for supporting the holding elements of the support rolls. The apparatus affords an infinitely variable and continuous adaptation to the wear of the rolls. The apparatus is operated such that the level or position of the individual shim plates is carried out infinitely variable by way of a short vertical stroke. The mill preferably includes a system of movable wedges which includes two upper wedges and two lower wedges.

IPC 1-7  
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IPC 8 full level  
**B21B 31/10** (2006.01); **B21B 31/20** (2006.01); **B21B 31/22** (2006.01); **B21B 31/30** (2006.01)

CPC (source: EP US)  
**B21B 31/106** (2013.01 - EP US); **B21B 31/22** (2013.01 - EP US)

Cited by  
FR3058078A1; AT504209B1; EP0324488A3; KR20170038845A; DE10057417B4; DE10057417C5; DE4115958A1; EP0513946A3; WO2008058595A1; US8099990B2

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