

Title (en)

ROLLING MILL STAND WITH AXIALLY SHIFTABLE ROLLS

Publication

**EP 0258482 B1 19900110 (DE)**

Application

**EP 86112269 A 19860904**

Priority

- DE 3513554 A 19850416
- DE 3602698 A 19860130

Abstract (en)

[origin: US4781051A] The rolling mill has two working rolls and at least two supporting rolls. At least both rolls of one roll pair are axially slidable opposing each other and each of the oppositely slidable rolls has a curved contour extending over its entire length which is convex over one longitudinal half segment and concave over the other longitudinal half segment. The contours of both rolls of these roll pairs complement each other continuously in one definite axial position. So that the occurrence of increased load points and moreover as a result increased pressure at the contacting positions of the working rolls and the supporting rolls is prevented, the curved contour of the roll body at the free end of the concave longitudinal segment of the roll body extends to the body edges in an at least partially cylindrical longitudinal segment.

IPC 1-7

**B21B 13/14; B21B 31/18**

IPC 8 full level

**B21B 13/14** (2006.01); **B21B 27/02** (2006.01); **B21B 13/02** (2006.01)

CPC (source: EP US)

**B21B 13/142** (2013.01 - EP US); **B21B 2013/025** (2013.01 - EP US); **B21B 2013/028** (2013.01 - EP US)

Citation (examination)

US 3733878 A 19730522 - ANDERSON A, et al

Cited by

KR100796255B1; CN110983711A; AT509107B1; EP0543014A4; US5622073A; US7181949B2; US9789521B2; WO0209896A1; US8413476B2; US8881569B2; WO2007144161A1; WO2007144162A1; EP0451874B2

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DOCDB simple family (application)

**DE 3602698 A 19860130**; EP 86112269 A 19860904; JP 22852386 A 19860929; US 92007686 A 19861016