

Title (en)

Rolling mill having axially shifting rolls, and roll profile control method

Title (de)

Walzgerüst mit axial verschiebbaren Walzen und Verfahren zum Steuern des Walzenprofils

Title (fr)

Laminoir à cylindres déplaçables axialement et procédé de réglage du profil de tels cylindres

Publication

EP 0283342 B2 19970122 (FR)

Application

EP 88400372 A 19880218

Priority

FR 8702706 A 19870227

Abstract (en)

[origin: EP0283342A1] In a rolling mill having axially shifting rolls comprising, inside a support stand 4, at least two work rolls 1, 1' with roll-curvature means 6, the curvature means are rams bearing in the direction of the curvature force on a T-shaped sliding piece 7, comprising a portion forming a foot engaging in a machined part (53) produced in the block (5) containing the curvature rams (6), so as to permit translational guiding in the vertical plane, and provision is made for the chocks (3) of the work rolls bearing on the pieces 7 and thereby receiving the curvature force also to be able to shift over the pieces 7 by sliding when it is desired to axially shift the rolls. <IMAGE>

IPC 1-7

B21B 29/00; **B21B 31/18**

IPC 8 full level

B21B 13/14 (2006.01); **B21B 29/00** (2006.01); **B21B 31/18** (2006.01); **B21B 13/00** (2006.01); **B21B 31/20** (2006.01)

CPC (source: EP US)

B21B 29/00 (2013.01 - EP US); **B21B 31/18** (2013.01 - EP US); **B21B 13/001** (2013.01 - EP US); **B21B 31/203** (2013.01 - EP US)

Cited by

GB2202173B; AT407124B; FR2710567A1; EP0649686A1; CN1050541C; EP3981522A4; US8196444B2; WO2007121832A1; WO2012049183A1

Designated contracting state (EPC)

BE DE ES GB IT NL

DOCDB simple family (publication)

EP 0283342 A1 19880921; **EP 0283342 B1 19920429**; **EP 0283342 B2 19970122**; BR 8800841 A 19881004; CA 1294464 C 19920121; DE 3870495 D1 19920604; ES 2031250 T3 19921201; ES 2031250 T5 19970316; FR 2611541 A1 19880909; FR 2611541 B1 19940429; JP H0751244 B2 19950605; JP S63230208 A 19880926; US 4934166 A 19900619

DOCDB simple family (application)

EP 88400372 A 19880218; BR 8800841 A 19880226; CA 559565 A 19880223; DE 3870495 T 19880218; ES 88400372 T 19880218; FR 8702706 A 19870227; JP 4569088 A 19880227; US 16098588 A 19880226