

Title (en)

A fine adjustment device for the forming rollers of a precision rolling mill.

Title (de)

Vorrichtung zur Feineinstellung der Formwalzen eines Präzisionswalzwerkes.

Title (fr)

Dispositif pour le réglage précis des cylindres de formage d'un laminoir de précision.

Publication

EP 0192873 A2 19860903 (EN)

Application

EP 85306193 A 19850902

Priority

JP 2482485 U 19850225

Abstract (en)

There is disclosed a precision rolling mill which comprises a pair of forming rollers (1a, 1b) which cooperate to carry out finishing action on rolled steel strip, an eccentric shaft (2a, 2b) on which each roller is mounted, an integral support shaft (3a, 3b) projecting from each eccentric shaft, and axially movably mounted in a guide box (32), and a pair of threaded adjusters (6a, 6b; 17a, 17b) having push-type engagement with the outer ends of the eccentric shafts (2a, 2b) and the support shafts (3a, 3b). In order to enable precise adjustment to be made of the axial alignment of the rollers (1a, 1b), a reduction gear drive (16a, 15a, 18a, etc) is coupled with each of the threaded adjusters.

IPC 1-7

B21B 31/18

IPC 8 full level

B21B 39/16 (2006.01); **B21B 31/18** (2006.01); **B21B 31/26** (2006.01)

CPC (source: EP)

B21B 39/165 (2013.01); **B21B 31/18** (2013.01); **B21B 31/26** (2013.01); **B21B 2273/22** (2013.01)

Cited by

CN102873103A

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0192873 A2 19860903

DOCDB simple family (application)

EP 85306193 A 19850902