

Title (en)

A device for fine adjustment of the vertical movement of rollers in a skinpass rolling mill.

Title (de)

Vorrichtung zur Feineinstellung der senkrechten Rollenbewegung in einem Kaltwalzwerk.

Title (fr)

Dispositif pour le réglage du mouvement vertical de rouleaux dans un laminoir d'écrouissage.

Publication

**EP 0194057 A2 19860910 (EN)**

Application

**EP 86300993 A 19860213**

Priority

JP 2482385 U 19850225

Abstract (en)

There is disclosed a skinpass rolling mill which comprises a pair of rollers (12a, 12b), a respective shaft assembly for each roller which includes a supporting shaft (1a) on which the roller is mounted and an eccentric shaft (10a) projecting from the supporting shaft, a housing (32) in which each shaft assembly is axially movably mounted, and adjusting means for axially adjusting each shaft assembly relative to the housing in order to adjust the alignment of the centre lines (38a, 38b) of the profiles of the rollers (12a, 12b). In order to provide fine adjustment of the vertical movement of the rollers, an individual adjusting means is provided for the fine adjustment of each roller and which comprises an input worm drive (17a, 17b; 18a, 18b) and a worm wheel (15, 15b) coupled therewith, and a threaded member (29a) secured to the worm wheel for rotation therewith and threadedly coupled with the respective supporting shaft via a screw gear (5a, 5b) secured thereto, in order to impart axial movement to the roller upon rotation of the threaded member.

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IPC 8 full level

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CPC (source: EP KR)

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