

Title (en)

Crank drive for a cold pilger mill

Title (de)

Kurbeltrieb für ein Kaltpilgerwalzwerk

Title (fr)

Mécanisme à manivelle pour un laminoir à pas de pélerin à froid

Publication

**EP 0707901 B1 19981223 (DE)**

Application

**EP 94250236 A 19940928**

Priority

DE 4336422 A 19931020

Abstract (en)

[origin: DE4336422A1] The invention relates to a cold pilger rolling mill with a roll stand (1) which can move back and forth, which is coupled to the crank pin (6) of a crank (7) via a thrust rod (4), and the mass of inertia of which can be at least partially compensated for by counterweights which, in the form of centrifugal weights (11), are arranged on the crank (7), excentrically with respect to the axis of rotation of the crank (7), such that they are offset through 180 DEG with respect to the point of articulation of the thrust rod (4). According to the invention, the gear mechanism formed from the crank (7) and counterweights is divided up into two gear-mechanism parts which are arranged mirror-invertedly with respect to a plane intersecting the rolling axis (10) perpendicularly and which are connected to one another via the shaft (15a, 15b) of a common drive train (12, 13, 14) arranged beneath the rolling plane, the axes of rotation of the gear-mechanism parts being arranged horizontally and parallel to one another. <IMAGE>

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