

Title (en)

Method of compensating the torque in a driving apparatus of a pilger mill.

Title (de)

Verfahren zum Drehmomentenausgleich an einer Antriebseinrichtung eines Pilgerschrittwalzwerkes.

Title (fr)

Procédé pour la compensation de moment de torsion à un dispositif d'entraînement d'un laminoir à pas de pèlerin.

Publication

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Application

EP 92250121 A 19920513

Priority

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Abstract (en)

[origin: EP0513954A2] The invention relates to a method of compensating the torque at the drive of a pilger mill roll stand, in particular a cold pilger mill roll stand, moved backwards and forwards linearly via a crank mechanism. In order to avoid hitherto existing disadvantages and to provide compensation for torque which reliably and with little constructional outlay avoids generator operation of the motor of the driving apparatus, i.e. torque acting on the motor in the direction of rotation of the motor, it is proposed that the speed curve of the crank mechanism, determined by calculation from the kinematic dimensions, the moving masses and the external loads, be fed to the drive motor as the set point speed curve.

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