

Title (en)

Drive system for a milling system, in particular a cold pilger milling system

Title (de)

Antriebssystem für ein Walzwerk, insbesondere für ein Kaltpilgerwalzwerk

Title (fr)

Système d'entraînement pour un laminoir, notamment pour un laminoir à pas de pèlerin à froid

Publication

EP 2216107 B1 20121128 (DE)

Application

EP 10000064 A 20100107

Priority

DE 102009007465 A 20090204

Abstract (en)

[origin: EP2216107A1] The system (1) has a pair of identical cranks (4', 4'') rotating about respective crank axes offset from a reciprocal frame (10), and connecting rods (7', 7'') connected between the cranks and the frame. Counterweights (5', 5'') are placed in the cranks opposite to respective arms, and crank drive (3', 3'') i.e. non-set slider crank drive, are driven by electric motors (6', 6'') i.e. slow high-torque electric motors, to rotate about the respective axes in opposite rotational directions. Single-stage helical-gear trains (9', 9'') are equipped between the electric motors and the cranks.

IPC 8 full level

B21B 21/00 (2006.01)

CPC (source: EP US)

B21B 21/005 (2013.01 - EP US)

Cited by

WO2011064113A1; EP2749363A1; DE102022208236A1; US9086124B2; EP2504113A1

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DOCDB simple family (publication)

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