

Title (en)
Drive system for a cold pilger mill

Title (de)
Antriebssystem für ein Kaltpilgerwalzwerk

Title (fr)
Système d'entraînement pour un laminoir à pas de pèlerin à froid

Publication
EP 1396292 B1 20061004 (DE)

Application
EP 03018510 A 20030816

Priority
DE 10241612 A 20020907

Abstract (en)
[origin: US2004045334A1] A drive for reciprocating a roll stand of a pilger cold-rolling system has a crank rotatable about an axis transverse to a reciprocation direction of the stand and a tie rod having an outer end journaled on the stand and an inner end eccentrically journaled on the crank so that rotation of the crank reciprocates the stand in the direction. A compensating weight is fixed to the crank opposite the tie rod and orbits in a weight plane on rotation of the crank. A counterweight is offset along the weight plane from the crank. A drive connects the counterweight to the crank for orbiting the counterweight in the weight plane on rotation of the crank.

IPC 8 full level
B21B 21/00 (2006.01); **B21B 35/06** (2006.01)

CPC (source: EP US)
B21B 21/005 (2013.01 - EP US); **B21B 35/06** (2013.01 - EP US)

Cited by
KR20150097673A; WO2014095746A1; DE102022208236A1

Designated contracting state (EPC)
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US 2004045334 A1 20040311; US 7073362 B2 20060711; AT E341406 T1 20061015; CN 1240495 C 20060208; CN 1488451 A 20040414; DE 10241612 B3 20040108; DE 50305235 D1 20061116; EP 1396292 A1 20040310; EP 1396292 B1 20061004; ES 2272866 T3 20070501; RU 2247613 C1 20050310

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US 65658303 A 20030905; AT 03018510 T 20030816; CN 03156745 A 20030908; DE 10241612 A 20020907; DE 50305235 T 20030816; EP 03018510 A 20030816; ES 03018510 T 20030816; RU 2003127081 A 20030905