

Title (en)

Hot mill hydraulic direct roll drive.

Title (de)

Warmwalzwerk mit direktem hydraulischen Antrieb der Walzen.

Title (fr)

Train de laminoir à chaud à entraînement hydraulique direct du cylindre.

Publication

EP 0108557 A2 19840516 (EN)

Application

EP 83306522 A 19831026

Priority

US 43673382 A 19821026

Abstract (en)

A rolling mill capable of forming a hot, continuously cast metallic strand into a strip with a large bite and with one pass uses only two small diameter rolls, each mounted for rotation in a pair of chock blocks and each having a comparatively narrow, enlarged diameter working portion. An hydraulic motor that produces a large torque at a low rotational speed with good control rotates each roll. The motors are coupled to their associated rolls directly.

IPC 1-7

B21B 35/02

IPC 8 full level

B21B 13/02 (2006.01); **B21B 35/00** (2006.01); **B21B 3/00** (2006.01)

CPC (source: EP)

B21B 35/00 (2013.01); **B21B 2003/005** (2013.01); **B21B 2035/005** (2013.01)

Cited by

EP0207053A3; AT383059B; EP2340898A3; EP1454684A2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0108557 A2 19840516; **EP 0108557 A3 19860115**; AU 2053483 A 19840503; BR 8305846 A 19840529; DK 490083 A 19840427; DK 490083 D0 19831025; ES 526752 A0 19840801; ES 8406239 A1 19840801; FI 833439 A0 19830926; FI 833439 A 19840427; IN 158892 B 19870214; JP S5994512 A 19840531; ZA 837038 B 19840627

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EP 83306522 A 19831026; AU 2053483 A 19831025; BR 8305846 A 19831024; DK 490083 A 19831025; ES 526752 A 19831025; FI 833439 A 19830926; IN 1231CA1983 A 19831005; JP 19625283 A 19831021; ZA 837038 A 19830922