

Title (en)
HOT-ROLLING MILL WITH FLATNESS MEASURING ROLLER

Title (de)
WARMWALZWERK MIT PLANHEITSMESSROLLE

Title (fr)
LAMINOIR A CHAUD COMPORTANT UN ROULEAU DE MESURE DE PLANEITE

Publication
EP 1283753 A2 20030219 (DE)

Application
EP 01900404 A 20010110

Priority

- DE 10001074 A 20000113
- EP 0100185 W 20010110

Abstract (en)
[origin: US6782726B2] The invention relates to a hot rolling mill, with at least one flatness measuring roller, pertaining to at least one rolling bed, arranged before and/or after one of the stands, which influences the settings of at least one of the stands. The aim of the invention is to improve the arrangement of the roller bed working rollers and the flatness measuring roller, such that the flatness measuring roller may be, optionally, either brought into operation, or be withdrawn into a protected position, whereby, in this case, the gap in the rolling bed thus formed can be closed. Said aim is achieved, whereby the flatness measuring roller may be stored, away from its working position, behind a screen and that the rolling bed is completed with at least one retractable working roller.

IPC 1-7
B21B 1/00

IPC 8 full level
B21B 1/22 (2006.01); **B21B 1/00** (2006.01); **B21B 37/00** (2006.01); **B21B 38/02** (2006.01); **B21B 39/12** (2006.01); **B21C 51/00** (2006.01)

CPC (source: EP US)
B21B 38/02 (2013.01 - EP US); **B21B 39/12** (2013.01 - EP US)

Cited by
CN112705781A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0151227 A2 20010719; WO 0151227 A3 20020207; AT E296171 T1 20050615; CN 1234477 C 20060104; CN 1395516 A 20030205; DE 10001074 A1 20010719; DE 50106324 D1 20050630; EP 1283753 A2 20030219; EP 1283753 B1 20050525; ES 2240393 T3 20051016; JP 2003519573 A 20030624; JP 4660049 B2 20110330; MX PA02006873 A 20030128; RU 2002121637 A 20040320; RU 2261764 C2 20051010; US 2002184934 A1 20021212; US 6782726 B2 20040831

DOCDB simple family (application)
EP 0100185 W 20010110; AT 01900404 T 20010110; CN 01803745 A 20010110; DE 10001074 A 20000113; DE 50106324 T 20010110; EP 01900404 A 20010110; ES 01900404 T 20010110; JP 2001551635 A 20010110; MX PA02006873 A 20010110; RU 2002121637 A 20010110; US 14971202 A 20020612