

Title (en)
PRESSURE DEVICE FOR ROLLING MILL

Title (de)
DRUCKVORRICHTUNG FÜR WALZWERK

Title (fr)
DISPOSITIF PRESSEUR POUR LAMINOIR

Publication
EP 1398089 B1 20100721 (EN)

Application
EP 01274224 A 20011205

Priority
• RU 0100526 W 20011205
• RU 2001111160 A 20010423

Abstract (en)
[origin: EP1398089A1] Screw-down mechanism having hydraulic cylinder arranged between housing of rolling stand and chock of backup roll includes rod made of permanent, for example barium-oxide magnet embraced by electromagnetic coil connected with direct current source, at least two windings mounted in chocks of backup rolls placed coaxially one relative to another in such a way that one winding is connected with direct current source and another - with capacitor gang.

IPC 8 full level
B21B 31/20 (2006.01); **B21B 31/32** (2006.01)

CPC (source: EP)
B21B 31/20 (2013.01); **B21B 31/32** (2013.01)

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1398089 A1 20040317; **EP 1398089 A4 20050810**; **EP 1398089 B1 20100721**; DE 60142645 D1 20100902; JP 2004524166 A 20040812; JP 4111387 B2 20080702; RU 2187394 C1 20020820; WO 02090011 A1 20021114

DOCDB simple family (application)
EP 01274224 A 20011205; DE 60142645 T 20011205; JP 2002587131 A 20011205; RU 0100526 W 20011205; RU 2001111160 A 20010423