

Title (en)
Rolling mill with hydraulic adjustment

Title (de)
Walzwerk mit hydraulischer Anstellung

Title (fr)
Laminoir à serrage hydraulique

Publication
EP 1044736 B1 20030212 (FR)

Application
EP 00401038 A 20000413

Priority
FR 9904840 A 19990416

Abstract (en)
[origin: EP1044736A1] A device measures the position of the adjustable roll, comprising, at each end (42) of the roll, a measuring shaft (4) passing with play into a tubular sheath (5) for maintaining the sealing of the pressure chamber (33). A rolling mill incorporates a hydraulic tightening device acting on at least one roll (2) of adjustable level. A device measures the position of the adjustable roll, comprising, at each end (42) of the roll, a measuring shaft (4) passing with play into a tubular sheath (5) for maintaining the sealing of the pressure chamber (33). The tightening jacks (3) are single effect. The sheath (5) associated with each jack is extended by a linking component (53) crossing the column of the cage up to an external end on which thrusts a recall device for the jack (3), in the sense opposite to that of the tightening, by thrusting on the column of the cage.

IPC 1-7
B21B 31/32; **B21B 38/10**

IPC 8 full level
B21B 31/32 (2006.01)

CPC (source: EP US)
B21B 31/32 (2013.01 - EP US)

Cited by
DE102007048686A1

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

DOCDB simple family (publication)
EP 1044736 A1 20001018; **EP 1044736 B1 20030212**; AT E232427 T1 20030215; DE 60001376 D1 20030320; DE 60001376 T2 20031120; ES 2188484 T3 20030701; FR 2792229 A1 20001020; FR 2792229 B1 20010713; US 6170312 B1 20010109

DOCDB simple family (application)
EP 00401038 A 20000413; AT 00401038 T 20000413; DE 60001376 T 20000413; ES 00401038 T 20000413; FR 9904840 A 19990416; US 55090200 A 20000417