

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