

Title (en)
DEVICE TO ADJUST MOUNTING PARTS IN A ROLLING STAND

Publication
EP 0137919 B1 19890315 (DE)

Application
EP 84108262 A 19840713

Priority
DE 3335858 A 19831003

Abstract (en)
[origin: US4627300A] A positioning actuator for use between a working-roll journal block and a roll-stand frame has a housing, a worm shaft rotatable in the housing about a main axis and formed with two axially offset worms, and respective worm wheels meshing with the worms and rotatable in the housing about respective parallel axes lying in a plane parallel to but offset from the main axis. The worm wheels are each formed internally centered on the respective axis with a screwthread. Respective pusher rods extending along the worm-wheel axes through the worm wheels are each formed with an external screwthread complementary to and meshing with the respective internal screwthread. The rods and housing are coupled together so as to inhibit rotation of the rods about the respective worm-wheel axes while permitting movement of the rods along the respective worm-wheel axes. The screwthreads are of such hand that rotation of the worm shaft in one direction about the main axis moves the rods along the respective worm-wheel axes in one direction while opposite worm-shaft rotation moves the pusher rods axially oppositely.

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B21B 31/18

IPC 8 full level
B21B 31/02 (2006.01); **B21B 31/16** (2006.01); **B21B 31/18** (2006.01)

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B21B 31/18 (2013.01 - EP KR US); **Y10T 74/18616** (2015.01 - EP US); **Y10T 74/19098** (2015.01 - EP US); **Y10T 74/19828** (2015.01 - EP US)

Cited by
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EP 0137919 A2 19850424; **EP 0137919 A3 19870805**; **EP 0137919 B1 19890315**; AT E41334 T1 19890415; DE 3335858 A1 19850418; DE 3477144 D1 19890420; JP H051086 B2 19930107; JP S6076210 A 19850430; KR 850003848 A 19850629; KR 910002561 B1 19910426; US 4627300 A 19861209

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