

Title (en)

Rolling stand with a pair of roll shafts supported in bearings on two sides

Title (de)

Walzgerüst mit einem Paar zweiseitig gelagerter Walzentragwellen

Title (fr)

Cage de laminoir comportant une paire d'arbres porteurs de cylindres supportés par des paliers bilatéraux

Publication

EP 0841104 B1 20011128 (DE)

Application

EP 97117931 A 19971016

Priority

DE 19644351 A 19961025

Abstract (en)

[origin: US5896771A] A pair of roll support shafts which are supported by bearings provided at both ends of the roll support shafts, wherein, between the bearings, toothed drums are mounted on the roll support shafts or the circumference of the roll support shafts is provided with toothings. Outside of the bearings, roll disks can be mounted on the ends of the roll support shafts, wherein one of the toothed drums meshes with a drive pinion mounted on a parallel drive shaft and the other toothed drum meshes with a loosely mounted intermediate pinion, wherein the drive and the intermediate pinion also mesh with each other. The roll support shafts are each supported in a free end of a single-armed tumbler lever which is swingable about the longitudinal axis of the drive pinion or the intermediate pinion, wherein the tumbler levers are supported relative to the roll stand by means of adjustable and securable rigid or elastic support members and the free ends are supported relative to each other through elastic members.

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CPC (source: EP US)

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