

Title (en)
DEVICE FOR MOUNTING A ROLL RING ON A ROLL SHAFT

Publication
EP 0342179 B1 19920520 (DE)

Application
EP 89890046 A 19890221

Priority
AT 124988 A 19880513

Abstract (en)
[origin: EP0342179A2] In a device for mounting a roll ring (3) on a roll shaft (1), the roll ring (3) is braced axially between two pressure rings (11, 12) and supported on the roll shaft (1) via a wedge-shaped sleeve (7), it being possible for one of the pressure rings (11, 12) to be displaced axially via a tensioning device and for the wedge-shaped sleeve (7) to be axially displaced via a servodrive. In order to be able to adjust the axial and radial prestressing of the roll ring (3) in a simple and accurate manner, the pressure ring (12) has passage guides (19), distributed over the circumference on the side of the tensioning device, for axial pressure rams (9) provided between the wedge-shaped sleeve (7) and its servodrive, the tensioning device and the servodrive each consisting of an annular piston (10, 14) which can be charged separately by a hydraulic means.

IPC 1-7
B21B 27/02; F16D 1/08; F16D 7/02

IPC 8 full level
B21B 27/02 (2006.01)

CPC (source: EP)
B21B 27/035 (2013.01)

Cited by
CN112139249A; CN103394512A; CN105531046A; CN103331307A; EP0773072A1; US5782125A; DE10302660B4; EP3378577A1

Designated contracting state (EPC)
DE GB IT SE

DOCDB simple family (publication)
EP 0342179 A2 19891115; EP 0342179 A3 19901128; EP 0342179 B1 19920520; AT 390573 B 19900525; AT A124988 A 19891115;
DE 58901455 D1 19920625

DOCDB simple family (application)
EP 89890046 A 19890221; AT 124988 A 19880513; DE 58901455 T 19890221