

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

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