

Title (en)

A PRE-LOADING DEVICE FOR A RADIAL-BEARING UNIT

Title (de)

VORSPANNUNGSVORRICHTUNG FÜR RADIALLAGEREINHEIT

Title (fr)

DISPOSITIF DE PRECHARGEMENT POUR ENSEMBLE A PALIER RADIAL

Publication

EP 0861382 A1 19980902 (EN)

Application

EP 96910438 A 19960313

Priority

- SE 9501170 A 19950331
- US 9603396 W 19960313

Abstract (en)

[origin: WO9630661A1] Axially spaced radial bearing units (30, 50) for a shaft assembly are pre-loaded by hydraulic pressure. Each of the bearing units is mounted to an axially displaceable seat (40, 60). The pre-loading pressure between the two bearing units (30, 50) is maintained at a constant pre-loading pressure by a hydraulic pressure which is exerted in chambers (44, 64) partially defined by the seats. A pressure accumulator (70) supplies pressure to the chambers (44, 64) so that a constant pre-loading pressure may be applied to the radial bearing units (30, 50) while allowing for axial displacement of the bearing units and the shaft (12).

IPC 1-7

F16C 23/06

IPC 8 full level

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CPC (source: EP)

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WO 9630661 A1 19961003; CA 2216706 A1 19961003; CA 2216706 C 20010710; EP 0861382 A1 19980902; EP 0861382 A4 19980902; NO 974410 D0 19970924; NO 974410 L 19970924; SE 506134 C2 19971117; SE 9501170 D0 19950331; SE 9501170 L 19961001

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