

Title (en)

Bearing structure in rotating machine

Title (de)

Lageranordnung einer Rotationsmaschine

Title (fr)

Arrangement de palier pour machine rotative

Publication

EP 1918582 A2 20080507 (EN)

Application

EP 07021251 A 20071031

Priority

JP 2006296128 A 20061031

Abstract (en)

A bearing structure in a rotating machine is disclosed. The bearing structure includes a radial bearing 50 and a damper member 53. The radial bearing is provided in a protruding cylindrical portion 12a of a housing 12, and supports a distal end portion of a rotary shaft 18, which is rotatably supported by the housing. The damper member 53 is provided in a clearance F formed between an inner circumferential surface 52a of the radial bearing 50 and an outer circumferential surface 46a of a first rotor opposing to the inner circumferential surface in a radial direction, or between an outer circumferential surface 51a of the radial bearing and an inner circumferential surface 12c of the protruding cylindrical portion opposing to the outer circumferential surface in the radial direction. The damper member is pressed against the inner circumferential surface and the outer circumferential surface opposing to each other with the damper member in between.

IPC 8 full level

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