

Title (en)
HEAVE MOTION COMPENSATION

Title (de)
AUSGLEICH FÜR HEBEBEWEGUNG

Title (fr)
COMPENSATION DU MOUVEMENT DE TANGAGE

Publication
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Application
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Abstract (en)
[origin: WO2007145503A1] A heave motion compensator (30, 40, 70, 100, 140, 300) for compensating heave motions comprises a cylinder (41) and a piston (44) delimiting a variable volume fluid chamber (49) in said cylinder (41), wherein said piston (44) can oscillate within said cylinder (41), said piston (44) being provided with a seal (48) frictionally engaging said cylinder. The compensator further includes a motor (65) that causes said seal (48) to revolve relative to said cylinder (41) so as to obtain a dynamic friction regime between the seal (48) and the cylinder (41). In a possible embodiment the motor (65) is arranged to rotate said piston (44), and the seal (48) is mounted on said piston (44) so as to rotate along with said piston (44).

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