

Title (en)
ELEVATOR DEVICE FOR A SEA PLATFORM

Publication
EP 0020686 B1 19841031 (FR)

Application
EP 80900042 A 19800617

Priority
FR 7834358 A 19781206

Abstract (en)
[origin: WO8001181A1] A device, controlling the relative vertical displacements of the bridge (1) and of the feet (2) of a sea platform, comprises on one hand toothed-racks (31, 32) cut out in pillars (3) fixed to the feet and on the other hand locomotor units (5) which comprise each a frame (51) fitted with gears (55) rotatingly driven by motors (57, 58) and meshing with said toothedracks, and substantially characterized in that each frame of locomotor unit is attached by a joint (41) to a coupling rod (4) which extends along the pillar and is connected by a joint (42) to the bridge and associated to balancing means (81, 82, 83) of the reverse torque generated by the effort transmitted by said coupling rod. The device is intended to a platform for oil drillings.

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E02B 17/08

IPC 8 full level
B63B 35/44 (2006.01); **E02B 17/08** (2006.01)

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WO 8001181 A1 19800612; DE 2967285 D1 19841206; EP 0020686 A1 19810107; EP 0020686 B1 19841031; FR 2443537 A1 19800704; FR 2443537 B1 19821119; JP S55501029 A 19801127; SU 1037835 A3 19830823; US 4386757 A 19830607

DOCDB simple family (application)
FR 7900122 W 19791205; DE 2967285 T 19791205; EP 80900042 A 19800617; FR 7834358 A 19781206; JP 50009379 A 19791205; SU 2955205 A 19800804; US 24413180 A 19800805