

Title (en)
SUSPENSION DEVICE FOR SUPPORTING THE LEGS OF A SELF-LIFTING OIL PLATFORM

Publication
EP 0271377 B1 19900509 (FR)

Application
EP 87402505 A 19871105

Priority
FR 8616504 A 19861126

Abstract (en)
[origin: US4880336A] The suspension device for the support legs of a jack-up oil platform having a hull movable along the legs includes a driving mechanism having a plurality of output gear pinions cooperating with racks mounted along at least a part of the legs. Each of the output gear pinions is drivable by an electric motor associated with a speed reducer which is pivotally mounted on a structure which is connected to the hull and has at least one bearing which allows a given angular movement of the speed reducer and each corresponding output gear pinion. Each speed reducer cooperates with an energy absorbing mechanism including at least one torsionally elastically yieldable support element connected to a corresponding speed reducer and affording a progressive absorption of shock particularly at the moment when the legs contact the sea floor.

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IPC 8 full level
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CPC (source: EP KR US)
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Cited by
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EP 0271377 A1 19880615; EP 0271377 B1 19900509; BR 8706368 A 19880726; CA 1327278 C 19940301; CN 1012974 B 19910626; CN 87107937 A 19880720; DK 167448 B1 19931101; DK 617887 A 19880527; DK 617887 D0 19871124; FI 875119 A0 19871119; FI 875119 A 19880527; FI 88321 B 19930115; FI 88321 C 19930426; FR 2607165 A1 19880527; FR 2607165 B1 19900720; IN 170521 B 19920404; JP H0451607 B2 19920819; JP S63247422 A 19881014; KR 880006427 A 19880722; KR 950008725 B1 19950804; NO 169606 B 19920406; NO 169606 C 19920715; NO 874844 D0 19871120; NO 874844 L 19880527; US 4880336 A 19891114

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