

Title (en)
ELECTROMECHANICAL DRIVING SYSTEM, IN PARTICULAR FOR PROGRESSIVE CAVITY PUMP FOR OIL WELL

Title (de)
ELEKTROMECHANISCHES ANTRIEBSSYSTEM INSBESONDERE FÜR EINE EXZENTERSCHNECKENPUMPE FÜR EINE ÖLBOHRUNG

Title (fr)
SYSTEME ELECTROMECHANIQUE D'ENTRAINEMENT, NOTAMMENT POUR POMPE A CAVITE PROGRESSIVE POUR Puits DE PETROLE

Publication
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Application
EP 06820284 A 20061012

Priority
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• FR 0553104 A 20051012

Abstract (en)
[origin: WO2007042732A1] The invention concerns an electromechanical system (1) designed to be connected to a power grid (7), comprising: an electrical machine (2) capable of operating as a stand-alone power generator, including a rotary shaft, and a switching system (9) enabling i) in a first configuration, the machine to operate as motor when the coupled device (4) is normally driven or as generator when the coupled device is normally driving, and ii) in a second configuration, the machine to operate as stand-alone generator, the electric power generated by the electrical machine (2; 22) being dissipated in the machine and in a dissipative load (13).

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Citation (search report)
See references of WO 2007042732A1

Citation (examination)
• US 2005052145 A1 20050310 - CARRIER DAVID A [US], et al
• WO 03084045 A1 20031009 - ABB OY [FI], et al

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