

Title (en)
SEMISUBMERSIBLE PLATFORM EQUIPPED WITH AN ANGULAR AMPLIFICATION SYSTEM

Title (de)
HALB EINTAUCHBARE PLATTFORM MIT EINEM ABGEWINKELTEN VERSTÄRKUNGSSYSTEM

Title (fr)
PLATEFORME SEMI-SUBMERSIBLE ÉQUIPÉE D'UN SYSTÈME D'AMPLIFICATION ANGULAIRE

Publication
EP 3047140 A1 20160727 (FR)

Application
EP 14784299 A 20140916

Priority
• FR 1359085 A 20130920
• FR 2014052300 W 20140916

Abstract (en)
[origin: WO2015040322A1] Wave power station which comprises: • a semisubmersible platform (2) provided with at least one longitudinal casing (4) which extends from a bow (7) to a stern (8) of the platform (2), this platform (2) having, at the bow (7) thereof, a stabilizing vane (12) which extends transversally a little back from a lower edge (9) of the casing (4) and, at the stern (8) thereof, a buoyancy beam (11) secured to the casing (4); • a wave power machine (3) mounted on the platform (2), which comprises: • a portal frame (17) mounted transversally on the casing (4) of the bow end of the platform (2), • at least one float (18) designed to allow wave energy to be converted into mechanical energy, the float (18) being mounted on an arm (20) mounted so that it can rotate on an axle (21) secured to the portal frame (17), • a converter (23) for converting the mechanical energy of the float (18) into hydraulic energy.

IPC 8 full level
F03B 13/20 (2006.01)

CPC (source: EP US)
F03B 13/20 (2013.01 - EP US); **F05B 2240/93** (2013.01 - EP US); **F05B 2240/932** (2013.01 - EP US); **F05B 2260/406** (2013.01 - EP US); **Y02E 10/30** (2013.01 - EP US)

Citation (search report)
See references of WO 2015040322A1

Cited by
CN1058676C

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WO 2015040322 A1 20150326; BR 112016005972 A2 20170801; CA 2921545 A1 20150326; CN 105745437 A 20160706; EP 3047140 A1 20160727; FR 3011042 A1 20150327; JP 2017500491 A 20170105; US 2016230739 A1 20160811

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