

Title (en)
DEVICE FOR RECOVERING SWELL ENERGY

Title (de)
VORRICHTUNG ZUR GEWINNUNG VON ENERGIE AUS WELLEN

Title (fr)
DISPOSITIF DE RECUPERATION DE L'ENERGIE DE LA HOULE

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Application
EP 11704796 A 20110224

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Abstract (en)
[origin: WO2011104294A1] The invention relates to a device for recovering swell energy at sea, wherein said device consists of a floating structure including: a rigid structural member (1) that is maintained at a floating state using at least one buoy or so-called structural float (2, 2'); and at least one float (3, 3') that is mobile relative to the structural member and is capable of interaction with a means for generating power (4; 14, 15, 16) from the swell movement, said means (4; 14, 15, 16) being attached to the structural member. According to the invention, at least one mobile float (3, 3') is connected to the structural member by at least one rigid arm (5, 5') rotatably mounted about an axis substantially parallel to the surface of the sea, and said power generation means (4; 14, 15, 16) is directly or indirectly connected to said rigid arm.

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