

Title (en)
WAVE POWER PLANT

Title (de)
WELLENENERGIEANLAGE

Title (fr)
CENTRALE HOULOMOTRICE

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EP 2265814 A1 20101229 (EN)

Application
EP 09717782 A 20090302

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Abstract (en)
[origin: WO2009109701A1] The invention relates to a wave power plant, comprising a base structure (1) for arrangement on a submerged surface (2), a lever arm (3) pivotally connected to said base structure (1) for angular oscillation about a pivotal axis (4), and energy extracting means (7) for extracting energy of said angular oscillation of said lever arm (3). A float means (8) is connected to said lever arm (3), said float means (8) being adapted to oscillate by the action of waves (22) so that said lever arm (3) connected to said float means (8) is adapted to angularly oscillate about said pivotal axis (4). Said energy extracting means (7) comprises a fluid cylinder (9) attached between said lever arm (3) and said base structure (1), a fluid motor (10) in fluid connection with said fluid cylinder (9), and a generator means (12) functionally connected to said fluid motor (10).

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Cited by
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