

Title (en)
WAVE POWER PLANT

Title (de)
WELLENKRAFTWERK

Title (fr)
CENTRALE HOULOMOTRICE

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Application
EP 09818846 A 20090929

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• FI 20085954 A 20081010

Abstract (en)
[origin: WO2010040894A1] The invention relates to a wave power plant, comprising two frame elements with a limited movement relative to each other. Frame elements (1, 2) are interconnected by a crankshaft (3). The first frame element (1) is vertical and has its bot-tom portion provided with a heavy horizontal flange (4) or some other form part, which opposes the up-and-down movement, and its top portion is flat and perpendicular to an incoming wave direction (A). The second frame element (2) is floating in a horizontal position and provided with a flange or fin (5) or some other form part, which is present at a distance from the crankshaft (3) and which is crosswise to the incoming direction (A) of waves. The crankshaft?s (3) rotary motion is synchronic with a substantial wave period, whereby the power plant aperates in a resonating manner.

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