

Title (en)

FLOATING DEVICE FOR RECOVERY OF SWELL ENERGY WITH A SPIRAL LIFT

Title (de)

SCHWIMMVORRICHTUNG ZUR RÜCKGEWINNUNG VON WELLENENERGIE MIT SPIRALFÖRMIGEM HEBEWERK

Title (fr)

DISPOSITIF FLOTTANT RECUPERATEUR DE L'ENERGIE DES HOULES AVEC ELEVATEUR HELICOIDAL

Publication

EP 1700032 A1 20060913 (FR)

Application

EP 04817592 A 20041224

Priority

- FR 2004003379 W 20041224
- FR 0315473 A 20031226

Abstract (en)

[origin: FR2864586A1] The device has a rectangular floating platform buoy subjected to oscillation-pivoting inclinations around its vertical axis by oscillations of roll and pitch of ocean wave. The inclinations allow a helical water elevator (21) to raise water up to a reservoir (23) from where it is driven to a hydroelectric turbine (25). The platform buoy has stabilizers, and a housing (2) situated between pitch levers and a roll lever.

IPC 8 full level

F03B 13/20 (2006.01)

CPC (source: EP)

F03B 13/20 (2013.01); **Y02E 10/30** (2013.01)

Citation (search report)

See references of WO 2005068832A1

Cited by

GB2473659A; GB2473659B

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