

Title (en)
WAVE ENERGY DEVICE

Title (de)
WELLENENERGIEVORRICHTUNG

Title (fr)
DISPOSITIF D'ÉNERGIE D'ONDES

Publication
EP 3204632 A1 20170816 (EN)

Application
EP 15775714 A 20151008

Priority
• EP 14382384 A 20141009
• EP 2015073239 W 20151008

Abstract (en)
[origin: WO2016055559A1] The wave energy device comprises at least three nodes (1A, 1B, 1C, 1D, 1E), each node being connected to at least another one of the nodes, each node comprising at least one enclosure (11) for housing a water column (100) in an internal space (12) of the enclosure (11). The wave energy device comprises at least one buoyancy chamber (15, 25) associated with means (16, 26) for controlling an amount of water in the buoyancy chamber (15) by pumping water out of and by admitting water into the buoyancy chamber (15, 25), respectively, so as to allow for the adaptation of the mass of the wave energy device to the state of the sea, for enhancing efficiency of energy capture.

IPC 8 full level
F03B 13/14 (2006.01); **F03B 13/24** (2006.01)

CPC (source: EP)
F03B 13/142 (2013.01); **F03B 13/24** (2013.01); **F05B 2240/40** (2013.01); **F05B 2250/131** (2013.01); **F05B 2270/18** (2013.01); **Y02E 10/30** (2013.01)

Citation (search report)
See references of WO 2016055559A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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