

Title (en)

WAVE ENERGY DEVICE FOR HORIZONTALLY RECOVERING WAVE ENERGY ON COASTAL SEABEDS

Title (de)

WELLENENERGIEVORRICHTUNG ZUR HORIZONTALEN RÜCKGEWINNUNG VON WELLENENERGIE AUF KÜSTENBÖDEN

Title (fr)

HOULOMOTEUR À RÉCUPÉRATION HORIZONTALE SUR FONDS CÔTIERS

Publication

**EP 4204677 A1 20230705 (FR)**

Application

**EP 21770147 A 20210825**

Priority

- FR 2008803 A 20200829
- EP 2021073536 W 20210825

Abstract (en)

[origin: WO2022043397A1] Device for recovering wave energy from a wave train, characterised in that a horizontal foil wing, located close to the shore on the sea bed, recovers the horizontal movement of the water particles as the wave trains pass and translates the forces captured into a vertical movement which is recovered and converted into electrical energy by a converter (17) housed underwater in a base (15) connected via a wired network (18) to a power plant above sea level.

IPC 8 full level

**F03B 13/18** (2006.01)

CPC (source: EP)

**F03B 13/1845** (2013.01); **F05B 2220/707** (2013.01); **F05B 2240/97** (2013.01); **Y02E 10/30** (2013.01)

Citation (search report)

See references of WO 2022043397A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022043397 A1 20220303**; EP 4204677 A1 20230705; FR 3113703 A1 20220304; FR 3113703 B1 20230609

DOCDB simple family (application)

**EP 2021073536 W 20210825**; EP 21770147 A 20210825; FR 2008803 A 20200829