

Title (en)

DYNAMIC ARTIFICIAL WAVE INSTALLATIONS FOR SURFING

Title (de)

DYNAMISCHE WELLENANLAGEN FÜR KÜNSTLICHE WELLEN ZUM WELLENREITEN

Title (fr)

INSTALLATIONS À VAGUES ARTIFICIELLES DYNAMIQUES POUR LA PRATIQUE DU SURF

Publication

EP 3329068 B1 20190904 (FR)

Application

EP 16795402 A 20160727

Priority

- FR 1557225 A 20150728
- FR 2016000126 W 20160727

Abstract (en)

[origin: WO2017017319A2] The installation comprises a wave machine (12), a support (11) comprising an edge zone (15), a culminating zone (17), an evolution zone (16) sloping upward between the edge and culminating zones, a crest (30) between the culminating zone and a zone (31) which is depressed with respect to the crest, water situated above the edge and evolution zones, which forms part of an aquatic environment (23) comprising upper (25) and deep water (26) regions that are horizontally contiguous and respectively higher and lower than the edge zone, and an internal region (24) above the edge and evolution zones and vertically contiguous with the upper region; the installation being configured so that water having finished its wave journey crosses the crest and drops into a collecting volume delimited by the depressed zone when the generating machine is in service; and a fluidic communication (27) under the support connecting said deep water region to an opening (33, 39) opening into said collecting volume.

IPC 8 full level

E04H 4/00 (2006.01)

CPC (source: EA EP IL KR US)

A63B 69/0093 (2013.01 - EA EP IL US); **E04H 4/0006** (2013.01 - EA EP IL KR US); **E04H 4/0012** (2013.01 - IL); **E04H 4/0018** (2013.01 - IL); **E04H 4/12** (2013.01 - EA IL US); **E04H 4/14** (2013.01 - EA IL KR); **E04H 4/145** (2013.01 - EA IL US); **A63B 2208/03** (2013.01 - EA EP IL US); **A63B 2225/60** (2013.01 - EA EP IL US)

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)

WO 2017017319 A2 20170202; WO 2017017319 A3 20170504; AU 2016299856 A1 20180222; AU 2016299856 B2 20210708; AU 2016299856 B9 20210729; BR 112018001788 A2 20180911; BR 112018001788 B1 20221101; CA 2991727 A1 20170202; CN 107849861 A 20180327; CN 107849861 B 20200331; CY 1122546 T1 20210127; DK 3329068 T3 20191209; EA 035850 B1 20200820; EA 201890381 A1 20180731; EP 3329068 A2 20180606; EP 3329068 B1 20190904; ES 2762982 T3 20200526; FR 3039421 A1 20170203; FR 3039421 B1 20170901; HR P20192188 T1 20200306; IL 257160 A 20180329; IL 257160 B 20210531; JP 2018530361 A 20181018; JP 6838044 B2 20210303; KR 20180035844 A 20180406; MA 42540 A 20180606; MA 42540 B1 20200131; MX 2018001198 A 20180522; PL 3329068 T3 20200518; PT 3329068 T 20191212; SA 518390799 B1 20210731; SG 11201800397Q A 20180227; US 10300360 B2 20190528; US 2018214757 A1 20180802; ZA 201801262 B 20190731

DOCDB simple family (application)

FR 2016000126 W 20160727; AU 2016299856 A 20160727; BR 112018001788 A 20160727; CA 2991727 A 20160727; CN 201680043837 A 20160727; CY 191101279 T 20191204; DK 16795402 T 20160727; EA 201890381 A 20160727; EP 16795402 A 20160727; ES 16795402 T 20160727; FR 1557225 A 20150728; HR P20192188 T 20191204; IL 25716018 A 20180125; JP 2018504938 A 20160727; KR 20187005395 A 20160727; MA 42540 A 20160727; MX 2018001198 A 20160727; PL 16795402 T 20160727; PT 16795402 T 20160727; SA 518390799 A 20180124; SG 11201800397Q A 20160727; US 201615747661 A 20160727; ZA 201801262 A 20180223