

Title (en)
WAVE GENERATOR SYSTEM WITH ABSORBING SHORE

Title (de)
SYSTEM ZUR WELLENERZEUGUNG MIT ABSORBIERENDEM UFER

Title (fr)
GÉNÉRATEUR DE VAGUES AVEC RIVE ABSORBANT

Publication
EP 3199724 A1 20170802 (EN)

Application
EP 15781379 A 20150921

Priority
• ES 201431409 A 20140926
• ES 2015070682 W 20150921

Abstract (en)
Wave generator system (1) for generating waves in a mass of water (2) for leisure or sporting use, comprising a wave dissipating shore (6) capable of avoiding the formation of rebound waves. The shore (6) has a shore floor (7) with a decreasing height towards the floor (3) under the mass of water (2), a permeable shore ceiling (8) and a plurality of inner compartments (17), each compartment (17) including one or more barriers (22) that offer resistance to the passage of water in a direction towards the mass of water (2) and that leave a water passage space (24) that allows the passage of water in the direction of the mass of water (2). The wave absorbed by the shore (6) loses energy by moving through the compartments and returns to the mass of water (2) due to gravity.

IPC 8 full level
E04H 4/00 (2006.01)

CPC (source: CN EP ES US)
A63G 31/007 (2013.01 - US); **E02B 3/06** (2013.01 - ES); **E04H 4/0006** (2013.01 - CN EP ES US); **A63B 69/0093** (2013.01 - US)

Citation (search report)
See references of WO 2016046435A1

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)
EP 3199724 A1 20170802; **EP 3199724 B1 20190410**; AU 2015323664 A1 20170406; BR 112017006130 A2 20171219;
CN 107075863 A 20170818; ES 2565002 A1 20160330; ES 2565002 B1 20170104; JP 2017535703 A 20171130; US 2017306639 A1 20171026;
WO 2016046435 A1 20160331

DOCDB simple family (application)
EP 15781379 A 20150921; AU 2015323664 A 20150921; BR 112017006130 A 20150921; CN 201580051443 A 20150921;
ES 201431409 A 20140926; ES 2015070682 W 20150921; JP 2017535968 A 20150921; US 201515513246 A 20150921