

Title (en)
WAVE GENERATOR

Title (de)
WELLENGENERATOR

Title (fr)
DISPOSITIF DE GÉNÉRATION DE VAGUES

Publication
EP 4076690 A1 20221026 (FR)

Application
EP 20845682 A 20201215

Priority
• FR 1914805 A 20191218
• FR 2020052455 W 20201215

Abstract (en)
[origin: WO2021123610A1] The invention relates to a device (1) for generating waves for practising water slide sports or activities, the device (1) comprising at least one sliding zone (2) comprising an entrance (11), an exit (12), a top portion and a bottom portion, wherein the sliding zone (2) is supplied with water by means of injecting water that are capable of generating a water jet or a water sheet (17) and the device (1) is designed to direct a user (15) from the entrance (11) to the exit (12) of the sliding zone (2) and alternately between the top portion and the bottom portion of the sliding zone (2), in particular by means of the water jet or water sheet (17), characterised in that the device (1) comprises means for determining the position of the user (15) and means for controlling the means of injecting water that are capable of generating a water jet or water sheet (17) when the user (15) is in a phase of descent towards the bottom portion of the sliding zone (2), so as to redirect the user (15) to the top portion of the sliding zone (2).

IPC 8 full level
A63B 69/00 (2006.01); **A63G 21/18** (2006.01); **E04H 4/00** (2006.01)

CPC (source: EP)
A63B 69/0093 (2013.01); **A63G 21/18** (2013.01); **A63B 2220/13** (2013.01); **A63B 2220/52** (2013.01); **A63B 2220/802** (2013.01); **A63B 2220/806** (2013.01); **A63B 2225/09** (2013.01)

Citation (search report)
See references of WO 2021123610A1

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)
FR 3105008 A1 20210625; **FR 3105008 B1 20211224**; EP 4076690 A1 20221026; WO 2021123610 A1 20210624

DOCDB simple family (application)
FR 1914805 A 20191218; EP 20845682 A 20201215; FR 2020052455 W 20201215