

Title (en)
PROPULSION SYSTEM FOR ASSISTANCE WHEN PADDLING IN SURFING

Title (de)
ANTRIEBSSYSTEM ZUR UNTERSTÜTZUNG BEIM PADDELN BEIM SURFEN

Title (fr)
SYSTÈME DE PROPULSION POUR L'ASSISTANCE AU PAGAYAGE DANS LE SURF

Publication
EP 3521156 A1 20190807 (EN)

Application
EP 19154149 A 20190129

Priority
ES 201830090 A 20180201

Abstract (en)
Propulsion system for assistance when paddling in surfing; comprising a propellant device (1), hydro jet type, intended to be mounted on a surfboard (T); and a control device (2) in the manner of a bracelet or bracelet suitable for its attachment on a user's arm. The control device comprises: a microprocessor (21), a supply battery (22), sensors (23) that provide the microprocessor (21) with suitable data to identify the user's rowing action, calculating the speed and intensity of paddling and generating a control signal proportional to the paddling intensity of the user and; a wireless communication means (24) that transmits the control signal to the propelling device; and wherein said propelling device varies the propulsion power as a function of the signals received from the control device.

IPC 8 full level
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B63B 32/10 (2020.02 - EP US); **B63H 11/00** (2013.01 - US); **B63H 21/12** (2013.01 - US); **B63H 21/21** (2013.01 - EP US); **B63H 21/24** (2013.01 - US); **B63H 21/30** (2013.01 - US); **B63B 32/80** (2020.02 - EP US); **B63H 11/02** (2013.01 - EP US); **B63H 21/17** (2013.01 - EP US); **B63H 2021/216** (2013.01 - EP US); **B63H 2021/307** (2013.01 - US)

Citation (search report)

- [X] WO 2012003333 A1 20120105 - BOOMERBOARD LLC [US], et al
- [A] US 2003167991 A1 20030911 - NAMANNY STAN [US]
- [A] US 2011256518 A1 20111020 - ROTT DAINURI [US]
- [A] CN 106617525 A 20170510 - GCI SCIENCE & TECH CO LTD

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)
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DOCDB simple family (publication)
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