

Title (en)
SWIMMING POOL HAVING AN INTEGRATED COUNTER-CURRENT SWIMMING SYSTEM

Title (de)
SCHWIMMBECKEN MIT EINER INTEGRIERTEN GEGENSTROMSCHWIMMANLAGE

Title (fr)
PISCINE COMPRENANT UNE INSTALLATION DE NAGE À CONTRE-COURANT INTÉGRÉE

Publication
EP 3036386 A1 20160629 (DE)

Application
EP 14771183 A 20140518

Priority
DE 2014000254 W 20140518

Abstract (en)
[origin: WO2015176694A1] The present invention provides a swimming pool having an integrated counter-current swimming system (1) comprising a device (10) for generating a strong adjustable flow in the water, which has a compact design and a relatively low power consumption. The device (10), comprising a brushless underwater DC motor (8) which is arranged in the inlet area of a flow channel (3), is arranged in a housing (35) which has an end element (36) at the front, wherein the exit face of the flow channel (3) in the device (10) is almost flush in the plane of the shaped end element (36). The underwater DC motor (8) and thus the drive (2) is of slim design, wherein the geometric ratio of the length thereof to the diameter of the drive housing should be no less than 3.3.

IPC 8 full level
E04H 4/00 (2006.01); **A63B 69/12** (2006.01)

CPC (source: CN EP US)
A63B 69/125 (2013.01 - CN EP US); **E04H 4/0006** (2013.01 - CN EP US); **E04H 4/12** (2013.01 - US)

Citation (search report)
See references of WO 2015176694A1

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 2015176694 A1 20151126; AU 2014394718 A1 20161208; CN 106460400 A 20170222; CN 106460400 B 20210219;
DE 112014006678 A5 20170216; EP 3036386 A1 20160629; EP 3036386 B1 20201021; ES 2848439 T3 20210809; HU E054215 T2 20210830;
US 10508462 B2 20191217; US 2017191281 A1 20170706

DOCDB simple family (application)
DE 2014000254 W 20140518; AU 2014394718 A 20140518; CN 201480079087 A 20140518; DE 112014006678 T 20140518;
EP 14771183 A 20140518; ES 14771183 T 20140518; HU E14771183 A 20140518; US 201415312177 A 20140518