

Title (en)

SWIMMING POOL HAVING AN INTEGRATED COUNTER-CURRENT SWIMMING SYSTEM AND PROCESS

Title (de)

SCHWIMMBECKEN MIT EINER INTEGRIERTEN GEGENSTROMSCHWIMMANLAGE UND VERFAHREN

Title (fr)

PISCINE COMPRENANT UNE INSTALLATION DE NAGE À CONTRE-COURANT INTÉGRÉE ET PROCÉDÉ

Publication

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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

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CPC (source: CN EP US)

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Citation (opposition)

Opponent : Hugo Lahme GmbH

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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