

Title (en)
Mixed flow centrifugal pump for swimming pools

Title (de)
Halbaxiale Kreiselpumpe für Schwimmbecken

Title (fr)
Pompe centrifuge à flux mixte pour piscines

Publication
EP 2455616 A3 20170823 (EN)

Application
EP 11380090 A 20111108

Priority
ES 201031178 U 20101123

Abstract (en)
[origin: EP2455616A2] The present invention relates to a mixed flow centrifugal pump for swimming pools, being of the type made of injected plastic materials, while having a hydraulic body formed by a first part and a second part independent from each other, between which a complete logarithmic volute is defined, the pump also having a fluid inlet suction mouth located on the first part and a discharge mouth as an outlet for that same fluid; characterized in that it comprises an independent flange (9) as a means for fastening an anchor bracket (10) of a motor associated with the pump, said independent flange (9) being fastened at the front on the second part (2) of the hydraulic body (3) of the pump.

IPC 8 full level
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CPC (source: EP)
F04D 29/026 (2013.01); **F04D 29/426** (2013.01); **F05D 2300/43** (2013.01)

Citation (search report)

- [I] US 4408952 A 19831011 - SCHWEINFURTER FRIEDRICH [DE]
- [A] EP 2088326 A2 20090812 - BOMBAS PSH S A [ES]
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- [A] DE 4200507 A1 19930715 - KULTSCHER ARMIN HENRY [DE]

Cited by
ITUB20153948A1; EP2706236A3; EP2706239A3; CN111148904A; US10859086B2; WO2014060612A1

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

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