

Title (en)
SWIMMING POOL CLEANER

Title (de)
SCHWIMMBECKENREINIGER

Title (fr)
APPAREIL DE NETTOYAGE DE PISCINE

Publication
EP 2900888 A4 20160427 (EN)

Application
EP 13841082 A 20130923

Priority
• US 201213627637 A 20120926
• US 2013061174 W 20130923

Abstract (en)
[origin: WO2014052234A2] A swimming pool cleaner (100) including a body (10) having a debris inlet (11) and a debris outlet (12) and defining an elongate slotted cavity (40) pivotably holding proximal ends (22) of flap members (21) forming a segmented skirt (20) which forms with the pool surface (2) a plenum from which water and debris are drawn into the inlet. The slotted cavity is configured for strain-free insertion of the flap-member proximal ends into the cavity. A removable nozzle (30) within the debris inlet and retaining the flap-member proximal ends in the cavity. A method for inlet to control debris-laden water flow. The cleaner further including a tool-free nozzle-mounting structure (50) at the debris inlet removably retaining the nozzle within the debris inlet and a tool-free wheel-mounting assembly. a plurality of removable nozzles are interchangeably secured within the debris inlet, each nozzle having a flow opening sized differently from flow opening(s) of the other nozzle(s) to control debris-laden water flow.

IPC 8 full level
E04H 4/16 (2006.01)

CPC (source: EP)
E04H 4/1654 (2013.01)

Citation (search report)
• [A] US 6854148 B1 20050215 - RIEF DIETER J [US], et al
• [A] US 6131227 A 20001017 - RIEF DIETER J [US], et al
• [A] US 2011088181 A1 20110421 - RIEF MANUELA [US], et al
• [A] EP 0356577 A1 19900307 - POOLTEC ETS [LI]
• [A] US 2004074024 A1 20040422 - BAVOSO JOHN H [US]
• [A] US 2009307854 A1 20091217 - GARTI EFRAIM [IL]
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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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WO 2014052234 A2 20140403; WO 2014052234 A3 20140619; AU 2013323858 A1 20150409; AU 2013323858 B2 20171026; AU 2017279788 A1 20180125; AU 2017279788 B2 20200206; AU 2017279789 A1 20180125; AU 2017279789 B2 20200206; AU 2020200411 A1 20200213; AU 2022200295 A1 20220210; BR 112015006816 A2 20170704; CA 2885873 A1 20140403; CA 2885873 C 20190910; CA 3050657 A1 20140403; CA 3050657 C 20210601; EP 2900888 A2 20150805; EP 2900888 A4 20160427; EP 2900888 B1 20170823; EP 3266959 A2 20180110; EP 3266959 A3 20180530; EP 3266959 B1 20190731; EP 3495587 A2 20190612; EP 3495587 A3 20190626; EP 3495587 B1 20220706; ES 2655429 T3 20180220; ES 2751879 T3 20200402; ES 2926835 T3 20221028; ZA 201502687 B 20200527

DOCDB simple family (application)
US 2013061174 W 20130923; AU 2013323858 A 20130923; AU 2017279788 A 20171222; AU 2017279789 A 20171222; AU 2020200411 A 20200121; AU 2022200295 A 20220118; BR 112015006816 A 20130923; CA 2885873 A 20130923; CA 3050657 A 20130923; EP 13841082 A 20130923; EP 17181150 A 20130923; EP 18207706 A 20130923; ES 13841082 T 20130923; ES 17181150 T 20130923; ES 18207706 T 20130923; ZA 201502687 A 20150421