

Title (en)  
SWIMMING POOL CLEANER

Title (de)  
SCHWIMMBECKENREINIGER

Title (fr)  
SYSTÈME DE NETTOYAGE DE PISCINE

Publication  
**EP 3266959 A2 20180110 (EN)**

Application  
**EP 17181150 A 20130923**

Priority  

- US 201213627637 A 20120926
- EP 13841082 A 20130923
- US 2013061174 W 20130923

Abstract (en)  
A swimming pool cleaner (100) comprises a body (10) having a debris inlet (11) and a debris outlet (12); at least one pair of wheels (51) secured with respect to each side of the body (10) for moving the cleaner along an underwater pool surface (2) to clean debris therefrom; and a tool-free wheel-mounting assembly (50) including each of the wheels (51) having a ball bearing (52) which rotatably holds such wheel (51) on a non-rotating shaft (53) extending laterally from a respective side (15) of the cleaner body (10), each ball bearing (52) having an interior configuration (520) matching an exterior configuration (530) of the non-rotating shaft (53) in non-rotating engagement therewith.

IPC 8 full level  
**E04H 4/16** (2006.01)

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

Citation (applicant)  

- US 6854148 B1 20050215 - RIEF DIETER J [US], et al
- US 6782578 B1 20040831 - RIEF DIETER J [US], et al
- US 5099535 A 19920331 - CHAUVIER DANIEL J V D [US], et al
- US 7168120 B2 20070130 - HABIF JACQUES-ALEXANDRE [FR], et al
- US 6292970 B1 20010925 - RIEF DIETER J [US], et al
- US 6854184 B2 20050215 - DIPALMA ELAINE [US]

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

DOCDB simple family (publication)  
**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