

Title (en)
SELF CLEANING POOL CLEANER

Title (de)
SELBSTREINIGENDER SCHWIMMBECKENREINIGER

Title (fr)
NETTOYEUR DE PISCINE AUTONETTOYANT

Publication
EP 3613925 A1 20200226 (EN)

Application
EP 19199406 A 20170210

Priority
• US 201662293783 P 20160211
• EP 17155604 A 20170210

Abstract (en)
A pool cleaner that may include (a) a filtering element (602) that is cylindrical and is configured to be rotated around a central rotating shaft, (b) arc-shaped pipes (654') that feed jets or sprinklers (655') that surround the filtering element (602), and are configured to direct fluid towards the filter element (602) during a backwash process; and (c) one or more scanning mechanisms (653') that are configured to scan the arc-shaped pipes (654') and the feed jets or sprinklers (655') during the backwash process.

IPC 8 full level
E04H 4/16 (2006.01)

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

Citation (applicant)
IL 2013051055 W 20131222

Citation (search report)
• [A] US 2014076789 A1 20140320 - SHLOMI-SHLOMI IDAN [IL], et al
• [A] EP 2821564 A2 20150107 - AQUATRON ROBOTIC TECHNOLOGY LTD [IL]
• [A] US 2014014140 A1 20140116 - CORREA WILLIAM LONDONO [US]
• [A] US 2013152317 A1 20130620 - ERLICH GIORA [US], et al

Cited by
EP4116522A1

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)
EP 3205793 A1 20170816; EP 3205793 B1 20200923; EP 3613925 A1 20200226; EP 3613925 B1 20220105; ES 2832574 T3 20210610; ES 2910255 T3 20220512

DOCDB simple family (application)
EP 17155604 A 20170210; EP 19199406 A 20170210; ES 17155604 T 20170210; ES 19199406 T 20170210