Title (en)
AUTOMATIC SWIMMING POOL CLEANING SYSTEM

Title (de)
AUTOMATISCHES SCHWIMMBADREINIGUNGSSYSTEM

Title (fr)
SYSTEME DE NETTOYAGE AUTOMATIQUE DE PISCINES

Publication
EP 0835357 A1 19980415 (EN)

Application
EP 96923620 A 19960626

Priority
• US 9611238 W 19960626
• US 69995 P 19950627

Abstract (en)
[origin: WO9749504A1] Automatic swimming pool cleaning method and apparatus for cleaning a water pool (1) contained in an open vessel (2) defined by a containment wall (3) having a bottom (4) and side (5) portions utilizing a unitary structure or body (6) configured for immersion in a pool (1) for selective operation proximate the water surface (7) in a surface cleaning mode or proximate to the interior wall surface portions (8) in a wall surface cleaning mode.

IPC 1-7
E04H 4/16; C02F 1/40

IPC 8 full level
E04H 4/16 (2006.01)

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

Cited by
US10407932B2; US9845609B2; US9745767B2

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AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9749504 A1 19971231; AT E250174 T1 20031015; AU 2999397 A 19980114; AU 6408796 A 19970130; AU 694971 B2 19980806; AU 732034 B2 20010412; CA 2224980 A1 19970116; CZ 417197 A3 19980916; DE 69630035 D1 20031023; EP 0835357 A1 19980415; EP 0835357 A4 19981223; EP 0835357 B1 20030917; EP 0912261 A1 19990506; EP 0912261 A4 20020123; EP 0912261 B1 20060426; ES 2207677 T3 20040601; ES 2263176 T3 20061201; NZ 312536 A 19980728; WO 9701689 A1 19970116; ZA 965475 B 19970820

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US 9707742 W 19970506; AT 96923620 T 19960626; AU 2999397 A 19970506; AU 6408796 A 19960626; CA 2224980 A 19960626; CZ 417197 A 19960626; DE 69630035 T 19960626; EP 96923620 A 19960626; EP 97924612 A 19970506; ES 96923620 T 19960626; ES 97924612 T 19970506; NZ 31253696 A 19960626; US 9611238 W 19960626; ZA 965475 A 19960627