

Title (en)

METHOD FOR SERVICING THE WATER OF A SWIMMING POOL AND DEVICE FOR IMPLEMENTING SAME

Title (de)

VERFAHREN ZUM BEHANDELN VON WASSER EINES SCHWIMMBECKENS UND VORRICHTUNG ZUR DURCHFÜHRUNG DESSELBEN

Title (fr)

PROCEDE D'ENTRETIEN DE L'EAU D'UNE PISCINE ET DISPOSITIF POUR LA MISE EN OEUVRE DU PROCEDE

Publication

**EP 1007810 A1 20000614 (FR)**

Application

**EP 98913878 A 19980310**

Priority

- FR 9800481 W 19980310
- FR 9702905 A 19970310

Abstract (en)

[origin: US6228272B1] Described is a method and device for servicing the water of a swimming pool 1 by adding a disinfectant. The disinfectant is added by circulating the water through a branched circuit of the pool using a constant flow stirring pump 5. The operation of the pump is determined by the temperature of the water detected by temperature sensor 30 located within the branched circuit. The operating time of the pump is determined according to preset programs of a control box 3 which divide the operating time into time slot units of similar duration spread over several time ranges. The disinfectant addition can be carried out by pebble support 64 or by electrolysis within the branch circuit. Also, if the temperature drops below a minimal freeze risk value or above a maximal value, the pump is continuously operated and a warning is generated.

IPC 1-7

**E04H 4/12**

IPC 8 full level

**C02F 1/00** (2006.01); **E04H 4/12** (2006.01); **C02F 1/467** (2006.01)

CPC (source: EP US)

**C02F 1/008** (2013.01 - EP US); **E04H 4/12** (2013.01 - EP US); **C02F 1/001** (2013.01 - EP US); **C02F 1/4674** (2013.01 - EP US); **C02F 2103/42** (2013.01 - EP US); **C02F 2201/4612** (2013.01 - EP US); **C02F 2201/46145** (2013.01 - EP US); **C02F 2201/4615** (2013.01 - EP US); **C02F 2209/02** (2013.01 - EP US); **C02F 2303/04** (2013.01 - EP US); **Y10T 137/4891** (2015.04 - EP US)

Citation (search report)

See references of WO 9840585A1

Cited by

WO2007077251A1; DE202011000721U1

Designated contracting state (EPC)

BE DE ES FR GB IE IT PT

DOCDB simple family (publication)

**US 6228272 B1 20010508**; CA 2283679 A1 19980917; EP 1007810 A1 20000614; FR 2760483 A1 19980911; FR 2760483 A3 19980911; WO 9840585 A1 19980917

DOCDB simple family (application)

**US 38083499 A 19991213**; CA 2283679 A 19980310; EP 98913878 A 19980310; FR 9702905 A 19970310; FR 9800481 W 19980310