

Title (en)

A METHOD OF AND A DEVICE FOR OPERATING A POOL CLEANER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEDIENUNG EINES SCHWIMMBECKENREINIGERS

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER UN NETTOYEUR DE PISCINE

Publication

**EP 1015716 A4 20030910 (EN)**

Application

**EP 98923739 A 19980522**

Priority

- US 9810628 W 19980522
- ZA 972464 A 19970524

Abstract (en)

[origin: WO9853164A1] A pumping system of a pool (10) pumps water through a pool cleaner (20) and hose (26) connected to a weir (18). Flow through the cleaner (20) is cyclically interrupted to repeatedly reciprocate the hose (26). A device (30) anchored to the weir (18) is coupled to the hose (26) via clip (38). The reciprocal motion of the hose (26) is transmitted to the device (30) where it is transduced to a swinging motion (42) via a lever (40) attached to the hose (26) via clip (36), whereby the hose (26) is moved cyclically in attitude and position to promote random motion of the cleaner (20) and to render the cleaner (20) less likely to get stuck.

IPC 1-7

**E04H 4/16**

IPC 8 full level

**E04H 4/16** (2006.01)

CPC (source: EP)

**E04H 4/1645** (2013.01); **E04H 4/1663** (2013.01); **E04H 4/1636** (2013.01)

Citation (search report)

- [XA] US 4007749 A 19770215 - PANSINI ANDREW L
- [A] US 5082028 A 19920121 - LEONARD JEAN-JACQUES [ZA]
- [A] EP 0753633 A1 19970115 - SWEEPY INT SA [FR]
- See references of WO 9853164A1

Designated contracting state (EPC)

DE ES FR GB GR IT PT

DOCDB simple family (publication)

**WO 9853164 A1 19981126**; AU 734929 B2 20010628; AU 7595798 A 19981211; DE 69839519 D1 20080703; EP 1015716 A1 20000705; EP 1015716 A4 20030910; EP 1015716 B1 20080521

DOCDB simple family (application)

**US 9810628 W 19980522**; AU 7595798 A 19980522; DE 69839519 T 19980522; EP 98923739 A 19980522