

Title (en)

Flow regulation device for the cleaning system of a pool, in particular of a swimming pool.

Title (de)

Durchströmungsregulierungseinrichtung für das Reinigungssystem eines Beckens, insbesondere für ein Schwimmbad.

Title (fr)

Dispositif de réglage du courant d'un système de nettoyage d'un bassin, en particulier d'une piscine.

Publication

EP 0380421 A1 19900801 (EN)

Application

EP 90400217 A 19900124

Priority

FR 8900893 A 19890125

Abstract (en)

The flow regulation device is mounted between a swimming pool skimmer unit and a vacuum operated mobile underwater swimming pool cleaner (16). The device comprises a substantially cylindrical flow conduit (18) having a first end communicable with a source of vacuum applied at the skimmer and a second end communicable with a mobile swimming pool cleaner, said flow conduit having an aperture (19) in the wall thereof ; and valve means having a substantially cylindrical valve surface (20) slidable over that part of the flow conduit including said aperture, said valve surface having an aperture (21) therein adjustably alignable with the aperture in said flow conduit, and a peripheral skirt (23) extending from, and about, said cylindrical valve surface.

IPC 1-7

E04H 4/16

IPC 8 full level

E04H 4/12 (2006.01); **E04H 4/16** (2006.01)

CPC (source: EP)

E04H 4/1272 (2013.01); **E04H 4/1645** (2013.01); **E04H 4/1654** (2013.01); **E04H 4/1636** (2013.01)

Citation (search report)

- [AD] EP 0206498 A2 19861230 - ARNESON PROD INC [US]
- [A] US 4776953 A 19881011 - FRENTZEL HERMAN E [US]
- [A] US 2176139 A 19391017 - EINAR LOFGREN GUSTAF
- [AD] US 4683599 A 19870804 - RIEF DIETER [ZA]

Cited by

US7434285B1; US5930856A; AU751050B2; US5882512A; US5546982A; US5720068A; FR2769655A1; EP0761909A1; FR2738027A1; EP0972444A3; WO9613644A1; WO0011289A1

Designated contracting state (EPC)

ES FR GB IT

DOCDB simple family (publication)

EP 0380421 A1 19900801; AU 4874790 A 19901122; CA 2008603 A1 19900725; FR 2642104 A1 19900727; NZ 232242 A 19910528

DOCDB simple family (application)

EP 90400217 A 19900124; AU 4874790 A 19900125; CA 2008603 A 19900125; FR 8900893 A 19890125; NZ 23224290 A 19900125