

Title (en)

Arrangement system of a robot in a swimming pool

Title (de)

Einordnungssystem eines Roboters in einem Schwimmbad

Title (fr)

Système de rangement d'un robot dans une piscine

Publication

**EP 2236701 B1 20200923 (FR)**

Application

**EP 10156154 A 20100311**

Priority

FR 0951974 A 20090330

Abstract (en)

[origin: EP2236701A1] The system has a deployment piston (110A) connected to a cleaner robot (100A) and moved in a pipe communicating with a swimming pool. A pressure device generates extra pressure in the pipe during a cleaning stage of the swimming pool so as to drive the deployment piston to a position in the pipe. A suction device generates suction in the pipe during a water filtering stage of the swimming pool when the robot is inactive so as to suck the deployment piston to another position in the pipe in order to permit a stowing process of the robot in the latter position.

IPC 8 full level

**E04H 4/16** (2006.01)

CPC (source: EP US)

**E04H 4/1654** (2013.01 - EP US); **E04H 4/1672** (2013.01 - EP); **E04H 4/1681** (2013.01 - EP US)

Citation (examination)

- US 4449260 A 19840522 - WHITAKER BRACKSTON T [US]
- US 3665525 A 19720530 - HOWARD HERBERT H

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2236701 A1 20101006; EP 2236701 B1 20200923**; FR 2943705 A1 20101001; FR 2943705 B1 20110603; US 2010242165 A1 20100930; US 8782823 B2 20140722

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**EP 10156154 A 20100311**; FR 0951974 A 20090330; US 73153210 A 20100325