

Title (en)

Motorised cover for swimming pools and other similar basins.

Title (de)

Motorbetriebene Derkung für Schimmbäder und ander ähnliche Becken.

Title (fr)

Couverture motorisée de piscine et autres bassins analogues.

Publication

**EP 0599731 A1 19940601 (FR)**

Application

**EP 93402845 A 19931123**

Priority

FR 9214184 A 19921125

Abstract (en)

The invention relates to a motorised swimming-pool cover, of the type including mutually articulated floating elements which are wound onto a horizontal roller (1) whose length is less than the width of the pool, which roller is immersed transversely in the said swimming pool and is driven in rotation by a geared motor unit (14). According to the invention, the roller (1) is held immersed inside the pool by means of a framework which has the shape of a U whose top (cross-member) (4, 5, 10) is arranged above or flush with the level of the water and supports automatic cover retrieval (covering) means, and the branches (2, 3) of which encase the said roller and support, on their inner face, bearings (6, 9) receiving the ends of the said roller (1). Application to swimming pools. <IMAGE>

Abstract (fr)

L'invention concerne une couverture motorisée de piscine du type comportant des éléments flottants articulés entre eux, qui s'enroulent sur un rouleau horizontal (1) de longueur inférieure à la largeur du bassin qui est immergé transversalement dans ladite piscine et qui est entraîné en rotation par un groupe motoréducteur (14). Selon l'invention, le rouleau (1) est maintenu immergé à l'intérieur du bassin au moyen d'un bâti qui affecte la forme d'un U dont l'âme (4, 5, 10) est disposée au-dessus ou en affleurement du niveau de l'eau et supporte des moyens de recouvrement de la couverture automatique et dont les branches (2, 3) enchassent ledit rouleau et supportent sur leur face interne des paliers (6, 7) recevant les extrémités dudit rouleau (1). Application aux piscines. <IMAGE>

IPC 1-7

**E04H 4/10**

IPC 8 full level

**E04H 4/08** (2006.01)

CPC (source: EP)

**E04H 4/082** (2013.01)

Citation (search report)

- [Y] DE 3116830 A1 19821111 - MUELLER PAUL
- [Y] US 4411031 A 19831025 - STOLAR MIKE [CA]
- [A] FR 2593215 A1 19870724 - BOUILLIER MARIE ELISE [FR]
- [A] DE 7400732 U 19740418
- [A] EP 0012998 A1 19800709 - ENNERS LUISE [DE]
- [A] US 4955092 A 19900911 - HAGAN THOMAS F [US]

Cited by

EP2189596A1; FR2942259A1; FR2719622A1; FR2785634A1; FR2967184A1; FR2959522A1; FR2884269A1; FR2938572A1; FR2948398A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0599731 A1 19940601**; FR 2698399 A1 19940527; FR 2698399 B1 19950203

DOCDB simple family (application)

**EP 93402845 A 19931123**; FR 9214184 A 19921125