

Title (en)

Submersible swimming pool cover

Title (de)

Absenkbare Schwimmbadabdeckung

Title (fr)

Plateforme de couverture submersible pour piscine

Publication

**EP 1857613 A1 20071121 (FR)**

Application

**EP 06447064 A 20060515**

Priority

EP 06447064 A 20060515

Abstract (en)

The platform has a sealed caisson connected to a compressor by flexible pipes, where coating e.g. polycarbonate coating, of the platform is transparent and translucent, and is remounted with its inflatable seal. The compressor supplies air volume trapped by the sealed caisson to generate a buoyancy adapted to a position of the platform with respect to depth of a swimming pool, where a surface of the platform is occupied by the sealed caisson. The flexible pipes are integrated inside studs, which are provided on vertical walls or in corners of the swimming pool.

Abstract (fr)

La présente invention se rapporte à une plateforme (2) de couverture de piscine (1) submersible et positionnable sur la profondeur de la piscine, ladite plateforme comportant au moins un caisson (5) étanche relié à un moyen de fourniture d'air (9,10), ledit moyen de fourniture d'air permettant d'apporter un volume d'air pouvant être emprisonné par ledit caisson étanche afin de générer une force d'Archimède permettant d'adapter la position de ladite plateforme par rapport au fond la piscine.

IPC 8 full level

**E04H 4/06** (2006.01)

CPC (source: EP)

**E04H 4/065** (2013.01)

Citation (search report)

- [XA] DE 2100716 A1 19710722
- [XA] US 3813704 A 19740604 - TROIANO D
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Cited by

FR2930576A1; BE1020373A3; WO2013106891A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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