

Title (en)

FLEXIBLE SUBMERSIBLE PANEL FOR POOL FORMED WITH ELONGATED HOLLOW ELEMENTS AND CORRESPONDING USE

Title (de)

FLEXIBLES UNTERWASSERPANEEL FÜR EIN BASSIN AUS LÄNGLICHEN HOHLELEMENTEN UND DESSEN ANWENDUNG

Title (fr)

PANNEAU SOUPLE SUBMERSIBLE POUR BASSIN CONSTITUE D'ELEMENTS CREUX ALLONGES ET UTILISATION CORRESPONDANTE

Publication

EP 1157179 B1 20061004 (FR)

Application

EP 99972284 A 19991110

Priority

- FR 9902772 W 19991110
- FR 9814374 A 19981113

Abstract (en)

[origin: US6473914B1] Submersible panel (2) for pools, particularly swimming pools (1), consisting of hollow, elongated, modular parts (2a, 2b, 2c, 2d, 2e, 2f, 2g, 2h) assembled together. The parts comprise a water inlet at one end and a water outlet at the other. The openings of the panel are connected either directly or indirectly to means for distributing compressed gas. The edges of said panel (1) more or less match the walls of the pool to constitute a pool cover in the upper position and at least one bottom in the submerged position. The upper and lower horizontal surfaces of the panel are plane and free, the measurements of said upper horizontal surface being more or less equal to the length of the pool which is suitable for constituting the cover in the upper position and at least two bottom levels of the pool in the submerged position. Use of the panel (1) to constitute the bottom of the pool.

IPC 8 full level

E04H 4/06 (2006.01)

CPC (source: EP US)

E04H 4/065 (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 6473914 B1 20021105; AT E337453 T1 20060915; AT E341682 T1 20061015; AU 1166900 A 20000605; CA 2350672 A1 20000525; CA 2350672 C 20070206; DE 69932955 D1 20061005; DE 69932955 T2 20070510; DE 69933479 D1 20061116; DE 69933479 T2 20070614; EP 1157179 A1 20011128; EP 1157179 B1 20061004; EP 1205615 A1 20020515; EP 1205615 B1 20060823; ES 2272407 T3 20070501; ES 2274657 T3 20070516; FR 2785930 A1 20000519; FR 2785930 B1 20010323; PT 1157179 E 20070131; PT 1205615 E 20070131; WO 0029697 A1 20000525

DOCDB simple family (application)

US 83173001 A 20010816; AT 01203417 T 19991110; AT 99972284 T 19991110; AU 1166900 A 19991110; CA 2350672 A 19991110; DE 69932955 T 19991110; DE 69933479 T 19991110; EP 01203417 A 19991110; EP 99972284 A 19991110; ES 01203417 T 19991110; ES 99972284 T 19991110; FR 9814374 A 19981113; FR 9902772 W 19991110; PT 01203417 T 19991110; PT 99972284 T 19991110