

Title (en)
ABOVE GROUND POOL STRUCTURE

Title (de)
OBERIRDISCHE POOLSTRUKTUR

Title (fr)
STRUCTURE DE PISCINE HORS SOL

Publication
EP 4368795 A1 20240515 (EN)

Application
EP 23209378 A 20231113

Priority
IT 202200023445 A 20221114

Abstract (en)
An above ground pool structure consists of modular components that can be assembled on the pool installation site. The modular components include: corner posts (1), side posts (2), support beams for a base (3) on which the corner posts (1) and the side posts (2) are vertically fixed, and horizontal connecting joists (4) designed to join the corner posts (1) and the side posts (2). Each corner post (1) and each side post (2) has at least a combination of a reticular pillar (10; 20) and a pair of side-by-side profiles (11, 12; 21, 22). Each side-by-side profile (11, 12; 21, 22) has a C-shaped cross-section with perforated wings (18; 28), provided with a plurality of holes (13; 23).

IPC 8 full level
E04H 4/00 (2006.01); **A61H 33/00** (2006.01)

CPC (source: EP)
E04H 4/0018 (2013.01); **A61H 33/6005** (2013.01)

Citation (applicant)

- IT 201302161420 A1
- CN 106193677 A 20161207 - JIANGYIN SIFANG SWIMMING EQUIPMENT CO LTD
- CN 202970013 U 20130605 - SUZHOU YITONG AMUSEMENT EQUIP

Citation (search report)

- [A] US 2018044934 A1 20180215 - HALL DAVID E [US]
- [A] SE 1000568 A1 20111128 - TOERNROOS CHRISTIAN [SE]
- [A] EP 3781762 B1 20220525 - BERNDORF METALL UND BAEDERBAU GMBH [AT]
- [A] EP 3351705 A1 20180725 - PROCOPI [FR]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4368795 A1 20240515; IT 202200023445 A1 20240514

DOCDB simple family (application)
EP 23209378 A 20231113; IT 202200023445 A 20221114