

Title (en)

BRAKE MODULE FOR SUBMERSIBLE AUTONOMOUS VEHICLE

Title (de)

BREMSMODUL FÜR EIN TAUCHFÄHIGES AUTONOMES FAHRZEUG

Title (fr)

MODULE DE FREIN POUR VÉHICULE AUTONOME SUBMERSIBLE

Publication

EP 3333342 A1 20180613 (EN)

Application

EP 17205972 A 20171207

Priority

US 201662431689 P 20161208

Abstract (en)

A brake module for submersible autonomous vehicles is disclosed. The brake module is operatively coupled to a fluid propulsion system of an autonomous vehicle and includes a braking mechanism configured to selectively engage a wheel of the autonomous vehicle. The braking mechanism allows or restricts the wheel to rotate when the fluid propulsion system operates with an operating parameter above a parameter threshold.

IPC 8 full level

B63B 59/08 (2006.01); **E04H 4/16** (2006.01)

CPC (source: EP US)

B63H 19/08 (2013.01 - US); **B63H 25/50** (2013.01 - US); **E04H 4/1654** (2013.01 - EP US); **E04H 4/1663** (2013.01 - EP US)

Citation (applicant)

US 8273183 B2 20120925 - ERLICH GIORA [US], et al

Citation (search report)

- [XAI] WO 02068778 A1 20020906 - AZOTEQ PTY LTD [ZA], et al
- [X] FR 2954379 A1 20110624 - ZODIAC POOL CARE EUROPE [FR]
- [A] WO 03004800 A1 20030116 - STOLTZ HERMAN [ZA]

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3333342 A1 20180613; US 2018162508 A1 20180614

DOCDB simple family (application)

EP 17205972 A 20171207; US 201715831606 A 20171205