

Title (en)

Closed loop diving apparatus and compressed air diving apparatus with its own drive mechanism and use of different gas mixtures

Title (de)

Kreislauf-Tauchgerät und Pressluft-Tauchgerät mit eigenem Antrieb und Verwendung von unterschiedlichen Inertgasgemische

Title (fr)

Appareil de plongée en circuit et appareil de plongée à air comprimé dotés d'un entraînement autonome et utilisation de différents mélanges de gaz inerte

Publication

EP 1911671 B1 20100721 (DE)

Application

EP 07018653 A 20070922

Priority

- DE 102006046397 A 20060922
- DE 102007045395 A 20070921

Abstract (en)

[origin: EP1911671A1] The apparatus has a tunnel shaped guide device (61) mounted on a support plate (63). A drive unit is inserted into the device, which has a battery box (21), a housing (32), an opening, a turbine (34), and a nozzle, where the box contains a battery e.g. lead-acid battery. A carrying handle (60) is mounted in the box. A locking mechanism (64) is mounted on the device. Reducing valves (25, 27) and a pulmonary machine are attached by a clamping belt (65). The unit is controlled by a control device (31) and is demounted from the apparatus by the plate and is carried with the handle.

IPC 8 full level

B63C 11/24 (2006.01); **B63C 11/28** (2006.01)

CPC (source: EP)

B63C 11/24 (2013.01); **B63C 11/28** (2013.01)

Cited by

CN112141302A; CN109229308A; US11993353B2; WO2021172373A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1911671 A1 20080416; EP 1911671 B1 20100721

DOCDB simple family (application)

EP 07018653 A 20070922