

Title (en)

VALVE SYSTEM FOR VENTILATORY SUPPORT AND MOUTHPIECE SYSTEM FOR VENTILATORY SUPPORT

Title (de)

VENTILSYSTEM FÜR EINE ATEMHILFE UND MUNDSTÜCKSYSTEM FÜR EINE ATEMHILFE

Title (fr)

SYSTÈME DE VANNE POUR UNE AIDE RESPIRATOIRE ET SYSTÈME D'EMBOUIT BUCCAL POUR UNE AIDE RESPIRATOIRE

Publication

**EP 3527481 B1 20210602 (DE)**

Application

**EP 19166746 A 20151222**

Priority

- DE 102014226778 A 20141222
- DE 102015100961 A 20150123
- DE 102015210273 A 20150603
- EP 15816188 A 20151222
- EP 2015080899 W 20151222

Abstract (en)

[origin: WO2016102522A2] The invention relates to a valve system (10) for a breathing aid for swimmers, in particular for an inhalation valve, comprising a valve housing (1) and a valve diaphragm (2) in the valve housing (1); in a contact zone (3) preferably located in a central area of the valve diaphragm (2), the valve diaphragm (2) is disposed on a first end (4) of a fastening element (5); furthermore, from the contact zone (3), the valve diaphragm (2) runs at least partially at an angle in the direction of a second end (6) of the fastening element (5).

IPC 8 full level

**B63C 11/20** (2006.01); **B63C 11/18** (2006.01); **F16K 15/14** (2006.01)

CPC (source: CN EP US)

**B63C 11/186** (2013.01 - US); **B63C 11/205** (2013.01 - CN EP US); **B63C 2011/182** (2013.01 - US)

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

DOCDB simple family (publication)

**DE 102015122503 A1 20160623**; CN 107207080 A 20170926; CN 107207080 B 20191022; EP 3237281 A2 20171101; EP 3237281 B1 20190508; EP 3527481 A2 20190821; EP 3527481 A3 20191127; EP 3527481 B1 20210602; ES 2737695 T3 20200115; US 10870470 B2 20201222; US 2018001979 A1 20180104; WO 2016102522 A2 20160630; WO 2016102522 A3 20160818

DOCDB simple family (application)

**DE 102015122503 A 20151222**; CN 201580073122 A 20151222; EP 15816188 A 20151222; EP 19166746 A 20151222; EP 2015080899 W 20151222; ES 15816188 T 20151222; US 201515538555 A 20151222