

Title (en)

Respiratory gas supply device, in particular for a diver's mouthpiece

Title (de)

Gerät zur Versorgung mit Atemgas, insbesondere für ein Mundstück für einen Taucher

Title (fr)

Dispositif d'alimentation en gaz respiratoire, notamment pour un embout buccal de plongeur

Publication

EP 1878655 A3 20110223 (FR)

Application

EP 07301175 A 20070628

Priority

FR 0652971 A 20060713

Abstract (en)

[origin: EP1878655A2] The device has a pressure relief valve (5) mounted on a valve carrier (3). A compensation chamber is delimited by a movable support (31) for a compression spring (4), and a manually actionable control button (9) is rotative around an axis of a tubular body (101) that includes an opening (2). A movable cover plate (20) has a wall concentric to the body, and is integrated to the button. The button cooperates with the opening and the plate for adjusting the opening force of the valve and outlet gas flow simultaneously.

IPC 8 full level

B63C 11/22 (2006.01); **A62B 9/02** (2006.01)

CPC (source: EP US)

B63C 11/2227 (2013.01 - EP US)

Citation (search report)

- [A] EP 0649783 A1 19950426 - PREECE T D & CO PTY LTD [AU]
- [A] US 5222490 A 19930629 - POMERANTZ MITCHELL P [US], et al
- [A] US 4147176 A 19790403 - CHRISTIANSON RAYMOND A

Cited by

FR2934844A1

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1878655 A2 20080116; EP 1878655 A3 20110223; EP 1878655 B1 20120808; FR 2903654 A1 20080118; FR 2903654 B1 20080905; US 2008017200 A1 20080124; US 7775208 B2 20100817

DOCDB simple family (application)

EP 07301175 A 20070628; FR 0652971 A 20060713; US 77674207 A 20070712