

Title (en)
REGULATING MEMBRANE FOR THE SECOND-STAGE REGULATOR OF TWO STAGE UNDERWATER BREATHING APPARATUSES

Title (de)
MEMBRANE EINER ZWEITEN STUFE EINES ZWEISTUFIGEN TAUCHATEMREGLERS

Title (fr)
MEMBRANE DE RÉGULATION POUR UN RÉGULATEUR DE DEUXIÈME ÉTAGE D'APPAREILS DE RESPIRATION SOUS-MARINE À DEUX ÉTAGES

Publication
EP 3878731 A1 20210915 (EN)

Application
EP 21161707 A 20210310

Priority
IT 202000005305 A 20200312

Abstract (en)
A regulating membrane for a second stage regulator of two-stage underwater breathing apparatuses, comprising a continuous flexible side wall, tapered from the peripheral edge towards the top in which a rigid plate is centrally provided, coaxial to said flexible wall, said flexible side wall being provided with at least one continuous or discontinuous lateral reinforcing element, possibly protruding outwardly and/or inwardly from said membrane, to support and guide the collapsing movements of said plate with respect to the membrane.

IPC 8 full level
B63C 11/22 (2006.01)

CPC (source: EP US)
B63C 11/2227 (2013.01 - EP US)

Citation (search report)

- [Y] EP 0236208 A1 19870909 - SPIROTECH IND COMMERC [FR]
- [Y] NL 83453 C
- [A] US 4386624 A 19830607 - CHRISTIANSON TONY [US]
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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)
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