Title (en)

METHOD AND ARRANGEMENT FOR DETERMINATION OF THE RESIDUAL CAPACITY OF BREATHABLE AIR FOR AN OXYGEN-GENERATING BREATHING APPARATUS OPERATED IN CIRCUIT

Title (de)

VERFAHREN UND ANORDNUNG ZUR ERMITTLUNG DER RESTKAPAZITÄT AN VERATEMBARER LUFT FÜR EIN SAUERSTOFF ERZEUGENDES, IM KREISLAUF BETRIEBENES ATEMSCHUTZGERÄT

Title (fr)

PROCEDE ET DISPOSITIF POUR DETERMINER LA CAPACITE RESTANTE D'AIR POUVANT ETRE RESPIRE DANS UN APPAREIL RESPIRATOIRE FILTRANT GENERANT DE L'OXYGENE ET FONCTIONNANT PAR CYCLES

Publication

EP 1861173 A1 20071205 (DE)

Application

EP 06722697 A 20060323

Priority
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• DE 102005015275 A 20050325

Abstract (en)

[origin: WO2006099863A1] The residual capacity of breathable air remaining at any point for an oxygen-generating breathing apparatus operated in circuit is determined by measurement of the number of breathing cycles and the pressure and temperature of the inspired air in sequential periods by means of a pressure and temperature sensor. The current breathed air usage is calculated for each time period and subtracted from the total air capacity. The residual capacity of breathable air at a given reading point is displayed on a display.

IPC 8 full level

A62B 7/08 (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2006099863A1

Designated contracting state (EPC)

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