

Title (en)

Portable device for acquisition of oxygen autonomy

Title (de)

Tragbare Vorrichtung zue Bestimmung der Sauerstoffautonomie

Title (fr)

Dispositif portable d'acquisition d'une valeur d'autonomie d'oxygène.

Publication

**EP 1065432 B1 20050316 (FR)**

Application

**EP 00401848 A 20000628**

Priority

FR 9908247 A 19990628

Abstract (en)

[origin: EP1065432A1] The device does not depend on a connection to the cylinder, but provides a calculated value for the quantity of gas remaining on the basis of measured parameters. The portable device provides an independent indication of the amount of oxygen remaining in a gas cylinder, whilst the external pressure is constant. It comprises a support (1) carrying at least one table of values, addressed by a cursor as a function of the pressure within the gas cylinder, and a fixed flow rate. A display window (3) shows directly the quantity of oxygen remaining within the cylinder as a function of these two values. The device may operate by use of a slide-rule type device whereby the cursor points to specific figures within a table. Alternatively the device may be an electronic processor with a memory, in which case the pressure and flow rate parameters may be entered via a keypad, and the resulting quantity of oxygen displayed on an electronic display panel.

IPC 1-7

**F17C 13/02**

IPC 8 full level

**F17C 13/02** (2006.01)

CPC (source: EP)

**F17C 13/02** (2013.01); **F17C 2221/011** (2013.01); **F17C 2250/032** (2013.01); **F17C 2250/0426** (2013.01); **F17C 2250/043** (2013.01); **F17C 2250/0443** (2013.01); **F17C 2250/0495** (2013.01)

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