

Title (en)
Breathing apparatus with remote reading of high pressure in the source

Title (de)
Atemgerät mit Fernablesung von Hochdruck in der Quelle

Title (fr)
Appareil de respiration avec lecture à distance d'une forte pression dans la source

Publication
EP 1923100 B1 20110727 (EN)

Application
EP 07022177 A 20071115

Priority
IT MI20062216 A 20061120

Abstract (en)
[origin: EP1923100A1] A breathing apparatus comprises a source of high-pressure air that supplies a breathing device (14) through pressure reducers (12 and 14). At the outlet of the source there is a non-compensated first pressure reducer (12) that provides medium pressure that is a preset function of the high inlet pressure. A second compensated reducer (15), near the breathing device (14) is connected through a pipe (13) to the outlet of the first reducer (12) to receive medium pressure therefrom, reduce the medium pressure to breathing pressure and send the medium pressure to the breathing device (14). A device (16) indicating the pressure of the source is connected between a first and second reducer to detect the medium pressure and provide, on the basis of the medium pressure detected and said preset function, an indirect measurement of the high pressure of the source.

IPC 8 full level
A62B 9/00 (2006.01)

CPC (source: EP)
A62B 9/006 (2013.01)

Cited by
CN114173881A; WO2021019348A1

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

DOCDB simple family (publication)
EP 1923100 A1 20080521; EP 1923100 B1 20110727; AT E517664 T1 20110815; IT MI20062216 A1 20080521

DOCDB simple family (application)
EP 07022177 A 20071115; AT 07022177 T 20071115; IT MI20062216 A 20061120