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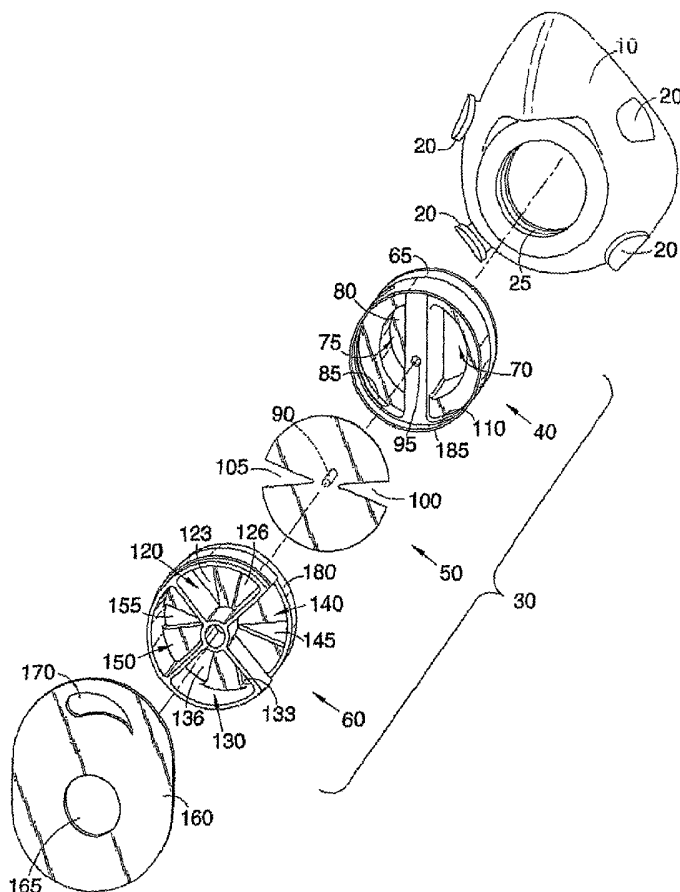
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[Continued on next page]

(54) Title: RESPIRATORY APPARATUS



(57) Abstract: Respiratory apparatus comprising a ventilation mask (10) and means for supplying breathable gasses, under pressure, thereto and means for exhausting gases therefrom, is wherein the pressuring means is provided substantially at the inlet of the mask (10), thereby substantially reducing the length of the air supply hose to a ventilation mask (10), so that problems associated with high pressures and large volumes of dead space can be alleviated.



Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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28 April 2005

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/003525

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61M16/06 A61M16/12 A61M16/20 A61M16/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 216 413 A (ARECHETA MOTA JUAN ANDRES) 9 November 1965 (1965-11-09) cited in the application column 1, line 48 - column 3, line 30; figure 1	1
X	US 3 362 404 A (BEASLEY NOEL F) 9 January 1968 (1968-01-09) column 1, line 40 - line 50; figure 1 column 3, line 27 - line 72	1,2,10, 11, 16-25, 27,29-31
X	US 3 014 480 A (GARDNER WILLIAM A) 26 December 1961 (1961-12-26) column 1, line 32 - line 38 column 2, line 15 - line 45; figure 1	2,10,11, 14, 16-24, 27,29-31

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

10 November 2004

Date of mailing of the international search report

25 FEB 2005

Name and mailing address of the ISA

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Zeinstra, H

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2004/003525

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 32-34
because they relate to subject matter not required to be searched by this Authority, namely:
Claims 32 and 33: Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy
2. ☒ Claims Nos.: 34
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1, 2, 10, 11, 14, 16-25, 27, 29-31

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International Application No. PCT/ GB2004/ 003525

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Claims Nos.: 32-34

Claims 32 and 33: Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

Continuation of Box II.2

Claims Nos.: 34

According to Rule 6.4(b) PCT, claim 34 is drafted as a dependent claim. Claim 34 refers to a valve and is dependent on claims 11 to 15 which refer to an apparatus comprising also features of a mask (see claim 12). Claim 11 has no technical feature at all, and attempts to define its subject matter in terms of the result to be achieved. Consequently it is difficult to know which technical feature belongs to the valve of claim 34. This leads to doubt concerning the matter for which protection is sought, thereby rendering the claim unclear (Article 6 PCT). Therefore, according to Article 17(2)(a)(i) PCT, claim 34 has not been searched.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/003525

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3216413	A	09-11-1965	BE 623708 A CH 388540 A DK 102930 C FR 1337050 A GB 990939 A NL 284595 A	28-02-1965 25-10-1965 06-09-1963 05-05-1965
US 3362404	A	09-01-1968	NONE	
US 3014480	A	26-12-1961	NONE	