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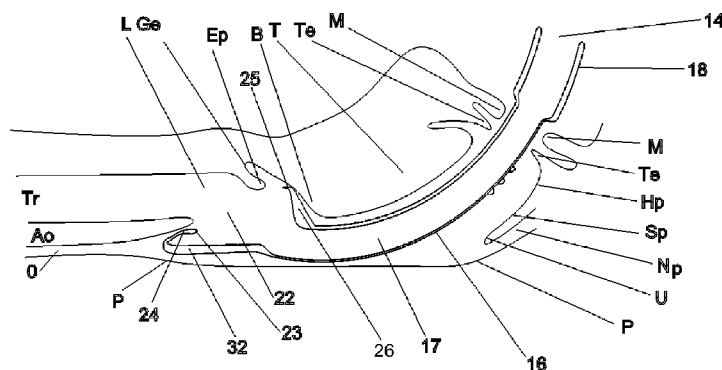


Fig. 5

(57) Abstract: An airway device (10) is provided which includes a distal part (12) and a proximal part (20) in sealed communication. The distal part (12) has a distal opening (14) for attachment to a breathing apparatus, in sealed communication with a hollow stem (16). The proximal part comprises a hollow sealing chamber (20) with a proximal opening (22), said sealing chamber (20) having means for sealing within and against the mucosal walls of a body cavity with a corresponding proximal opening, for communicating with the lungs. The sealing means of the sealing chamber (20) includes: a longitudinal fold (32) that allows for adaptation to varying cross-sectional dimensions of said body cavity; and said sealing chamber (20) being made of an elastomeric substance and having walls (26,30) that are thicker and relatively less flexible, and walls (24,25) that are thinner and relatively more flexible, said thicker walls (26,30) forming a framework that supports said thinner walls (24,25).



INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2012/051366

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61M16/04
ADD.

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)
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 practicable, search terms used)

EPO-Internal, WPI Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2008/099026 A1 (CHANG TI-LI [TW]) 1 May 2008 (2008-05-01) paragraph [0041] - paragraph [0049]; figures 1,4,5,6	1-16
A	----- WO 97/45153 A1 (UNIV MCGILL [CA]; ZIDULKA ARNOLD [CA]; MITCHELL ROBERT E [CA]) 4 December 1997 (1997-12-04) line 3 - page 5, line 29; figures 1-5	7
A	----- DE 298 25 059 U1 (SMITHS GROUP PLC LONDON [GB]) 22 July 2004 (2004-07-22) paragraph [0011]; figure 2	1-16



Further documents are listed in the continuation of Box C.



See patent family 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 application or patent 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

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Date of mailing of the international search report

06/12/2012

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2012/051366

Box No. 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.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
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:
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 No. 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 fees, this Authority did not invite payment of additional fees.
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.:

1-16

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-16

An airway device comprising a proximal part comprising an hollow sealing chamber having sealing mean including a longitudinal fold.

2. claims: 17-29

An airway device comprising a proximal part having a sealing chamber including a blind pouch at the proximal end.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2012/051366

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2008099026 A1	01-05-2008	CN 101172180 A	07-05-2008
		US 2008099026 A1	01-05-2008
WO 9745153 A1	04-12-1997	AU 2883297 A	05-01-1998
		WO 9745153 A1	04-12-1997
DE 29825059 U1	22-07-2004	NONE	