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(54) Title: A TAMPER-EVIDENT COVER

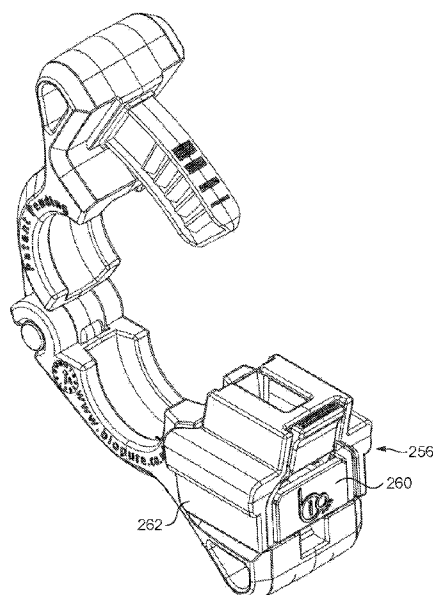


FIG. 14

(57) Abstract: A tamper-evident cover (256) for a component, the component comprising: first and second portions; and an actuator mechanism for moving the first and second portions or allowing the first and second portions to move relative to one another; wherein the cover comprises: a cover portion (262) defining a cavity configured to receive the actuator mechanism of the component so as to prevent access to the actuator mechanism from the exterior of the cover portion; and a retention bar (260) connected to the cover portion and housed within the cavity formed by the cover portion such that it is inaccessible from the exterior of the cover portion, the retention bar being configured to engage with the component so as to retain the cover portion over the actuator mechanism.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2017/051106

A. CLASSIFICATION OF SUBJECT MATTER
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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)
F16L A61M F16B G09F G01F

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 25 52 100 A1 (SIBE) 2 June 1977 (1977-06-02) pages 3,4; figures	1-4,6
X	WO 2010/071812 A1 (BAXTER INT [US]; BAXTER HEALTHCARE SA [CH]; LYONS BERNARD [US]; MALIEK) 24 June 2010 (2010-06-24) abstract; figures paragraphs [0061] - [0064]	1-3,6
X	EP 2 666 513 A1 (CARMEL PHARMA AB [SE]) 27 November 2013 (2013-11-27) abstract; figures paragraph [0030]; figures 3a,3b	1-3,6
A	US 2004/094958 A1 (TREVERTON ANDREW CLARE [CA] ET AL) 20 May 2004 (2004-05-20) paragraph [0055]; figures 9A-9C	1-6
	-/--	



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

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

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 693 609 A2 (HENRY JOHN JULIAN [IE]) 23 August 2006 (2006-08-23) paragraphs [0032], [0033]; figures 7,8 -----	1-6
X	US 2009/208277 A1 (WERTH ALBERT A [US]) 20 August 2009 (2009-08-20) -----	7-9,12, 14-16, 20,21
A	abstract; figures paragraphs [0030] - [0035]; figures 1A-3B -----	11,13, 17-19,22
X	US 2016/053926 A1 (WHITAKER CARL T [US]) 25 February 2016 (2016-02-25) abstract; figures paragraph [0052] -----	7,21,23
X	US 2012/227221 A1 (WHITAKER CARL T [US] ET AL) 13 September 2012 (2012-09-13) abstract; figures paragraphs [0061] - [0068]; figures 5,6 -----	7,21,23
X	GB 2 486 538 A (BIO PURE TECHNOLOGY LTD [GB]) 20 June 2012 (2012-06-20) ----- abstract; figures pages 3, 4; figures 5-7 -----	7,8,10, 12, 14-16,20
X	US 5 018 768 A (PALATCHY JOSEF [IL]) 28 May 1991 (1991-05-28) abstract; figures column 3, line 6 - column 5, line 20 -----	23

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2017/051106

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.:

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: 1-6

tamper-evident cover for a component

2. claims: 7-21

clamp comprising a ratchet mechanism formed by a linear rack and a pawl, with the pawl having a plurality of fingers which are biased into engagement with teeth of the linear rack

3. claim: 22

clamp having a ratchet mechanism formed by a linear rack and a pawl, with the pawl of the ratchet mechanism being formed by a detachable module

4. claim: 23

clamp in which a cam surface is provided at a hinge of the clamp so that the hinge forms a relatively loose connection in an assembly position and forms a relatively tight connection over the working range of the clamp

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2017/051106

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