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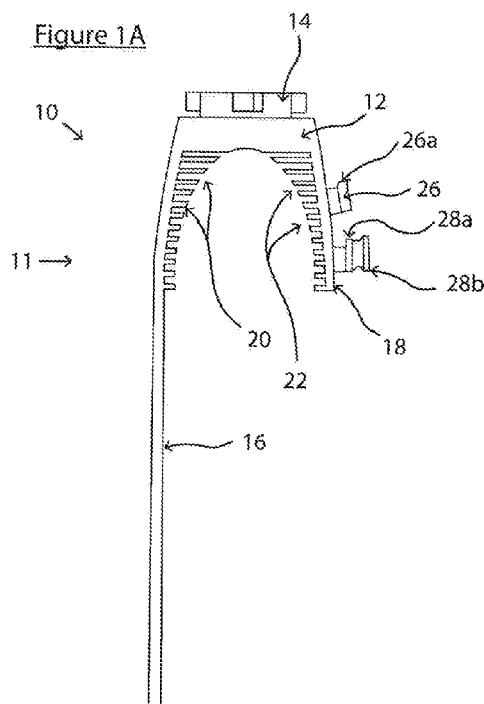
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[Continued on next page]

(54) Title: ATTACHMENT DEVICE



(57) Abstract: An attachment device (10) for attaching accessories to a support comprising a connector (14) for connecting to a device to be supported, and a strap (11), the strap (11) having a support region (12) mounting the connector (14), and first and second flexible engagement portions (16, 18); the first engagement portion 16 including a plurality of spaced deformable fins (20) extending from one side thereof and a plurality of through apertures (24) spaced along the length of the first engagement portion (16), the second engagement portion (18) including a plurality of spaced deformable fins (22) extending from one side thereof, and at least one upstand (26, 28) extending from the other side thereof adapted to enter and engage with at least one of the through apertures (24) of the first engagement portion (16).



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) **Date of publication of the international search report:**
2 February 2017

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2016/051870

A. CLASSIFICATION OF SUBJECT MATTER
INV. F16B2/08 B62J11/00 A61G15/10
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)
F16B B62J A61G

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 403 262 A (POLAK DONALD JAMES [US]; BUSH THOMAS JAMES [US]) 29 December 2004 (2004-12-29) figures page 2 - page 4 -----	1-10, 12-28
X	WO 2013/071346 A1 (COLAK MARISA [AU]; BIGNILL MARYANNE [AU]; CAPANO VINCENZINA [AU]) 23 May 2013 (2013-05-23) figures page 4 - page 18 -----	1-5
A	WO 2014/141873 A1 (SUMITOMO WIRING SYSTEMS [JP]) 18 September 2014 (2014-09-18) the whole document ----- -/-	1



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

16 December 2016

Date of mailing of the international search report

03/01/2017

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2016/051870

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.:

1-31, 34-38
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: 1-28, 34-38

An attachment device for attaching accessories to a support comprising a connector for connecting to a device to be supported, and a strap, the strap having a support region mounting the connector, and first and second flexible engagement portions; the first engagement portion including a plurality of spaced deformable fins extending from one side thereof and a plurality of through apertures spaced along the length of the first engagement portion, the second engagement portion including a plurality of spaced deformable fins extending from one side thereof, and at least one upstand extending from the other side thereof adapted to enter and engage with at least one of the through apertures of the first engagement portion (Problem: Attaching accessories to a support).

2. claims: 29-31

A clamp for supporting a display, the clamp comprising first and second opposing arms connected to a body, a grip area being provided at the end of each arm, and an arm adjustment mechanism slidably connecting the arms to the body, the mechanism being operable to slide and lock the arms in one or more positions relative to the body, wherein an adapter is provided on the body for connection to an attachment device (Problem: Supporting a display).

3. claim: 32

A mirror comprising a frame having an adapter for connection to an attachment device, the adapter including a bayonet connector having a receiving area for receiving a corresponding bayonet connector, one of the bayonet connectors having one or more radial protrusions disposed to engage one or more corresponding latches in the other connector during relative rotation of the engaged connectors, preventing axial separation of the connectors (Problem: Supporting a mirror).

4. claim: 33

A tissue box holder comprising an open-ended body for receiving a tissue box, and an adapter on the body for connection to an attachment device as claimed in any of claims 1 to 28, the adapter including a bayonet connector having a receiving area for receiving a corresponding bayonet connector, one of the bayonet connectors having one or more radial protrusions disposed to engage one or more

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

corresponding latches in the other connector during relative rotation of the engaged connectors, preventing axial separation of the connectors(Problem: Supporting a tissue box).

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2016/051870

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2014/366357 A1 (HAARBURGER DANIEL J [US]) 18 December 2014 (2014-12-18) the whole document -----	1
A	US 8 770 808 B1 (CAMPBELL DAMON [US] ET AL) 8 July 2014 (2014-07-08) the whole document -----	1
X	WO 2012/016158 A2 (OCTA LLC [US]; TROTSKY KEVIN [US]; BRAZIEL-SOLOVY NIKKI [US]) 2 February 2012 (2012-02-02) page 37 - page 39; figures 83-112 -----	29-31
A	US 2013/270850 A1 (FAN EAGLE [TW]) 17 October 2013 (2013-10-17) the whole document -----	29-31
A	US 2014/217862 A1 (RAYNER GARY A [US]) 7 August 2014 (2014-08-07) the whole document -----	29-31

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2016/051870

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