



(51) International Patent Classification:
B60K 15/04 (2006.01)

(21) International Application Number:
PCT/GB2009/000148

(22) International Filing Date:
19 January 2009 (19.01.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0801046.4 21 January 2008 (21.01.2008) GB
0812889.4 15 July 2008 (15.07.2008) GB

(71) Applicant and

(72) Inventor: **CARTWRIGHT, Philip** [GB/GB]; 4 Priory
Pastures, Everingham, York YO42 4JD (GB).

(74) Agents: **GILHOLM, Stephen, Philip** et al.; IPheions In-
tellectual Property, Buzzard Office, The Hawk Creative
Business Park, Easingwold, York YO61 3FE (GB).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ,
EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,

HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO,
NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG,
SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ,
TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR),
OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- 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:
22 October 2009

(54) Title: MISFUELLING PREVENTION ASSEMBLY

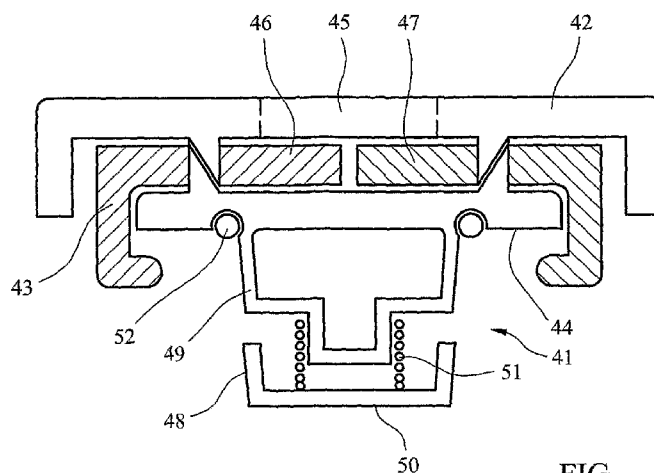


FIG. 5

(57) Abstract: There is described a misfuelling prevention assembly (1) which comprises a fuel filler cap (2), said cap being provided with a releasable locking member (11) and locking member release means (6, 7) wherein the release means is actuated by the positioning of the correct fuel filler nozzle within the release means.

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2009/000148

A. CLASSIFICATION OF SUBJECT MATTER
INV. B60K15/04

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)

B60K

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)

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	DE 40 39 269 C1 (MERCEDES-BENZ AKTIENGESSELLSCHAFT, 7000 STUTTGART, DE) 6 February 1992 (1992-02-06) the whole document	1-11, 13-17
A	EP 1 790 517 A (UNIV WOLVERHAMPTON [GB]) 30 May 2007 (2007-05-30) paragraphs [0033] - [0035]; figures	1,15,16
A	GB 2 421 499 A (PHILLIPS NATHAN [GB]) 28 June 2006 (2006-06-28) abstract; figures 4-9	1,15,16
A	US 2006/032552 A1 (HEDEVANG POUL [DE]) 16 February 2006 (2006-02-16) abstract; figures 2,3,11	1,15,16

☐ 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 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.
- *Z* document member of the same patent family

Date of the actual completion of the international search

29 April 2009

Date of mailing of the international search report

01/09/2009

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Vermeulen, Tom

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2009/000148

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 allsearchable 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 reportcovers 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.:

1-17, 21

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: 1-17,21

Misfueling prevention assembly comprising fuel filler cap with releasable locking member released by actuation of fuel filler nozzle.

Aim: preventing use of wrong fuel

2. claims: 18,19

Fuel filler neck adapter kit for coupling fuel filler cap to filler neck.

Aim: retrofitting existing filler necks with fuel filler caps

3. claim: 20

Lanyard for connecting fuel cap and fuel pipe using a flexible connector joining rings.

Aim: avoid losing fuel filler cap

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2009/000148

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 4039269	C1	06-02-1992	NONE	
EP 1790517	A	30-05-2007	NONE	
GB 2421499	A	28-06-2006	NONE	
US 2006032552	A1	16-02-2006	NONE	