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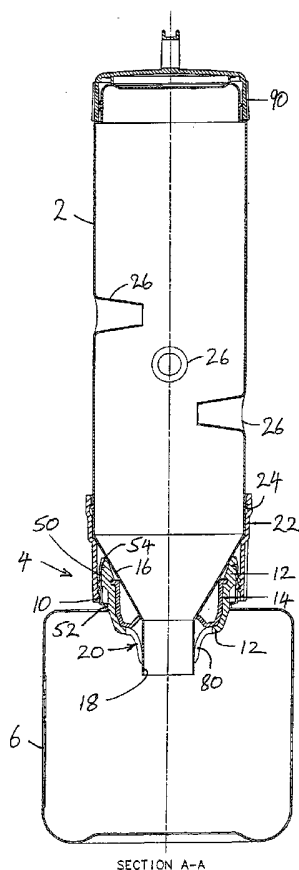
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- (71) Applicant (for all designated States except US): THE ENTERPRISE CRADLE LIMITED [GB/GB]; 271 Stockingstone Road, Luton, Bedfordshire LU2 7DQ (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): PAZIK, Karol [GB/GB]; 271 Stockingstone Road, Luton, Bedfordshire
- LU2 7DQ (GB). PAZIK, Edward [GB/GB]; 14 Icknield Street, Dunstable, Bedfordshire LU6 3AD (GB).
- (74) Agent: GOODMAN, Simon, John, Nye; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).
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[Continued on next page]

(54) Title: TRAP AND METHOD FOR TRAPPING FLYING INSECTS



(57) Abstract: A trap for insects, particularly for wasps, comprises a vapour chamber (2) having at least one insect entrance (26) defined in a wall of the vapour chamber (2), and a bait or collection chamber (6) couplable to the vapour chamber at a restriction (16). The restriction (16) is sized to control the movement of insects between these two chambers. In operation, attractant vapour from a bait source accumulates in the vapour chamber (2) and is released through the entrance (26). Insects attracted by the attractant vapour enter the vapour chamber (2) and are maintained in flight within it, the restriction (16) delaying their entry into the collection chamber (6). Once tired, insects drop down into the collection chamber (6) where, in a preferred embodiment, they are immersed in a fluid and drowned.

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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.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 02/02759

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01M1/02

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 A01M

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, PAJ, 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 195 31 981 A (ETTRICH HANS) 6 March 1997 (1997-03-06)	1-6, 8-10, 14, 16, 18, 19, 21, 22, 24, 25, 38
Y	column 2, line 30 -column 4, line 12; figures 1,8	11-13, 15, 23
X	DE 29 40 240 A (FJELDHAMMER BRUG AS) 29 May 1980 (1980-05-29)	1-7, 9, 10, 16, 18-22, 24, 25, 38
Y	page 6 -page 8; figures 1,2	17, 26-32, 34, 35, 43
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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

4 December 2002

Date of mailing of the international search report

23.12.02

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Moeremans, B

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 02/02759

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 501 088 A (BOISVERT J ROGER ET AL) 26 February 1985 (1985-02-26) column 3, line 5 -column 5, line 10; figures 1-4 ---	1-3,5,6, 8-10, 14-16, 21-25, 38-41
X	US 4 979 330 A (RORANT JULIUS W) 25 December 1990 (1990-12-25)	42
Y	column 1, line 30 -column 2, line 39; figures 1-6 ---	17, 26-32, 34,35,43
X	US 4 802 303 A (FLOYD III JOHN) 7 February 1989 (1989-02-07)	44
Y	figures 1,2 ---	12,45
Y	CH 116 301 A (SCHAEPPPI EDMUND) 16 August 1926 (1926-08-16) page 1, column 2; figures 1-3 ---	11,13, 15,23,45
A	US 4 977 701 A (SHERMAN DANIEL A) 18 December 1990 (1990-12-18) column 3, line 20-25; figure 2 ---	41
A	US 4 360 987 A (LOWDER JAMES) 30 November 1982 (1982-11-30) column 2, line 43 -column 3, line 50; figures 1,2 -----	1,8, 13-16, 18,21, 23,24,40

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 02/02759

Box I Observations where certain claims were found unsearchable (Continuation of item 1 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 II Observations where unity of invention is lacking (Continuation of item 2 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.:

1-45

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.
- 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: 1-41

A trap for flying insects, a collection chamber for such a trap and a method of trapping flying insects, wherein there is a restriction between the vapour chamber and the collecting chamber

2. Claims: 42,43

An insect trap, wherein a self-closing mechanism is operable to seal the collection chamber when removed

3. Claims: 44,45

A trap for flying insects, wherein all the insect entrances are vertically spaced from one another

4. Claim : 46

A trap for flying insects, wherein a flange encircles each insect entrance

5. Claim : 47

A trap for flying insects, wherein the insect entrances are horizontal

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/GB 02/02759

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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