

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 September 2002 (06.09.2002)

PCT

(10) International Publication Number
WO 02/069252 A3

(51) International Patent Classification⁷: **G06M 1/04**

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(21) International Application Number: PCT/GB02/00767

(22) International Filing Date: 22 February 2002 (22.02.2002)

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(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0104556.6 23 February 2001 (23.02.2001) GB

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

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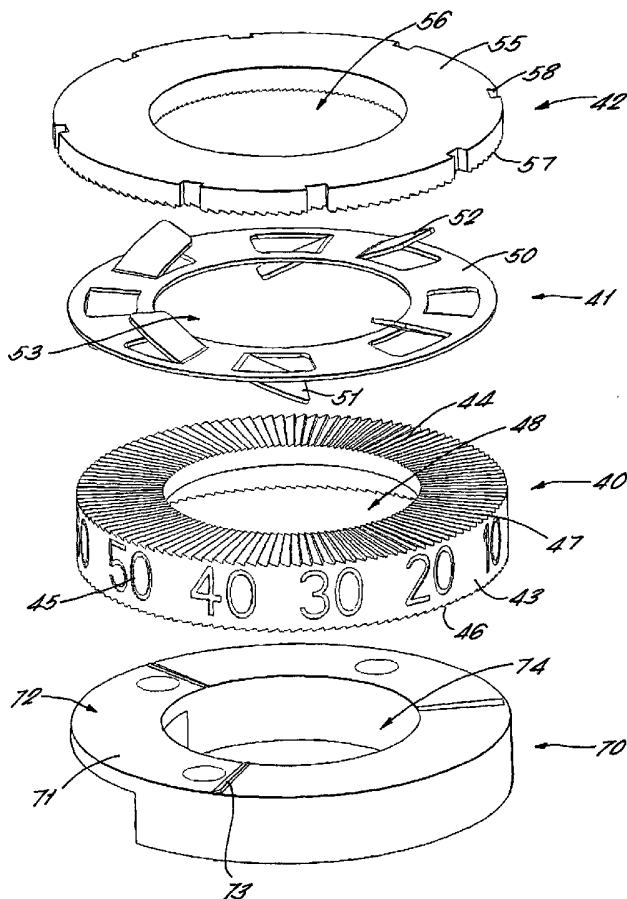
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR,

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[Continued on next page]

(54) Title: DOSAGE COUNTING DEVICES



(57) Abstract: Apparatus comprising a housing (1) defining a portion (2) for receiving in use a dose-dispensing container (20), the housing containing a dose counter comprising an annular counter member (40) and a driving member (41), the driving member comprising a planar ring portion (50) and first and second sets of flexible teeth (51, 52) depending from opposite sides of the planar ring portion, the first set of dependant flexible teeth (51) engaging a first series of teeth (47) formed on the annular counter member, wherein on movement of the received dose-dispensing container towards the driving member the first and second sets of dependant flexible teeth are caused to flex towards the plane of the ring portion to thereby incrementally rotate the annular counter member in a first direction relative to the housing.

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GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG).

(88) Date of publication of the international search report:

21 November 2002

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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 02/00767

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06M1/04

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)

IPC 7 G06M

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	EP 0 480 488 A (ELETTRONICA PLASTICA SPA) 15 April 1992 (1992-04-15)	10
Y		9
A	column 1, line 38 -column 2, line 24 column 3, line 30 -column 4, line 53; figures ---	1-5
Y	US 6 155 251 A (HAUSER STEPHEN G) 5 December 2000 (2000-12-05) column 5, line 27 -column 7, line 27; figures ---	9
A	WO 98 56444 A (BONNEY STANLEY GEORGE ; GODFREY JAMES WILLIAM (GB); RAND PAUL KENNE) 17 December 1998 (1998-12-17) page 10, paragraph 2 --- -/--	9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents :

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- "O" document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

22 July 2002

Date of mailing of the international search report

11. 09. 2002

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INTERNATIONAL SEARCH REPORT

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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	US 5 228 586 A (FUCHS KARL-HEINZ) 20 July 1993 (1993-07-20) ----	
A	WO 95 08484 A (SENETICS INC) 30 March 1995 (1995-03-30) cited in the application -----	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 02/00767

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.:
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: 1-8,10

Dose dispenser comprising a dose counter having a drive member comprising a planar ring with flexible teeth depending from opposite sides of the planar ring.

2. Claim : 9

Dose dispenser comprising a dose counter where the counter support member is set into place by the first actuation of the dose dispenser.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 02/00767

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