Title: APPARATUS AND METHOD FOR MEASURING THE ACCELERATION IMPARTED ON METERED DOSE DELIVERY CONTAINERS

Abstract: An apparatus (100) comprises a main body member (110), and a transducer (120) in communication with the main body member, transducer adapted to receive an acceleration force imparted to the main body member. A method for assessing acceleration forces imparted to an apparatus comprises a main body member (110) and a transducer (120) in communication with the main body member. The transducer adapted to receive the external acceleration force imparted to the main body member, wherein the transducer converts the acceleration forces to electrical signals and the acceleration.

(Continued on next page)

**Declarations under Rule 4.17:**

— as to applicant’s entitlement to apply for and be granted a patent (Rule 4.17(ii))

— as to the applicant’s entitlement to claim the priority of the earlier application (Rule 4.17(iii))

— of inventorship (Rule 4.17(iv))

**Published:**

— with international search report

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(88) Date of publication of the international search report: 8 February 2007

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

A. CLASSIFICATION OF SUBJECT MATTER
IPC: G01B 5/30(2006.01); G01P 15/00(2006.01)

USPC: 73/760,488
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)
U.S.: 73/760, 488

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)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
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<tr>
<td>A</td>
<td>US 2003/071785 A (ARITA et al) 17 April 2003 (17.04.2003), see the entire patent.</td>
<td>1-36</td>
</tr>
<tr>
<td>A, I</td>
<td>US 7,100,839 A (FARINA et al) 05 September 2006 (05.09.2006), see the entire patent.</td>
<td>1-36</td>
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Further documents are listed in the continuation of Box C.  See patent family annex.

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  "A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search
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Continuation of B. FIELDS SEARCHED Item 3:
East
search terms: main body, acceleration, transducer, axis, flange, battery, electronic, circuitry