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- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- of inventorship (Rule 4.17(iv))

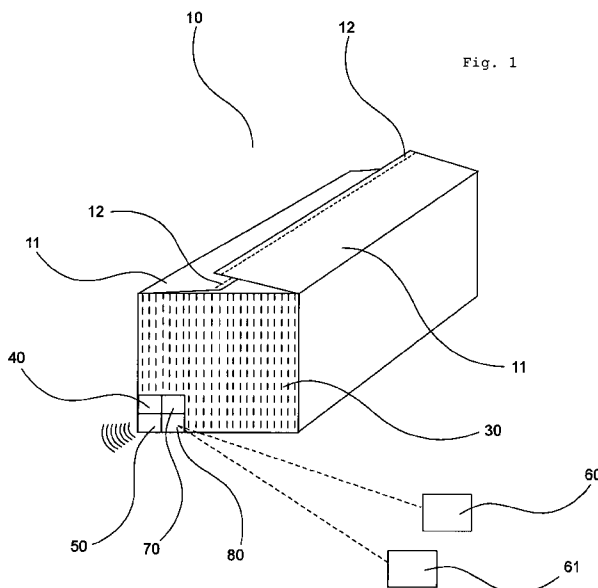
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(54) Title: METHOD FOR MONITORING A PACKAGE, SENTINEL INDICATOR SYSTEM AND LOGISTICS SYSTEM



(57) Abstract: The invention relates to a method for monitoring a package for storage and/or transport of at least one item, wherein data about properties of the item and/or about influences on the items are measured. According to the invention the method is carried out in a way, that at least two sensors are equipped in a way enabling them for measuring the data, wherein a sending unit relates the data of the at least two sensors. The invention furthermore comprises a sentinel indicator system and a logistics system.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 INV. G08B13/18 G08B13/20 G08B25/10 B65D79/02 B65D90/48
 H04M11/04

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)
 G08B B65D H04M

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/70579 A (SACHCOM PTY LTD [AU]; ANTICO CHRIS [AU]; HENDERSON MATTHEW [AU]; NEILL) 23 November 2000 (2000-11-23) page 1, line 1 - line 4 page 2, line 5 - line 27 page 3, line 1 - line 25 page 4, line 4 - line 35 page 6, line 14 page 7, line 3 - page 8, line 32 page 9, line 6 - line 34 figures 1-8	1-4,6, 10-17
A		5,7-9, 19-21

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
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- *Z* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
15 October 2008	23/10/2008

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 Dascalu, Aurel
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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.
X	EP 1 626 252 A (BONETTA DIEGO A [CH]) 15 February 2006 (2006-02-15) paragraphs [0007], [0008], [0014] - [0018] figure 1	1,2,4
A	DE 100 52 941 A1 (LEOPOLDSIEDER FRANZ [DE]; STIMPFL KURT [DE]) 8 May 2002 (2002-05-08) paragraphs [0005], [0007] - [0010], [0015] - [0025] figures 1,2	1-21

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0070579	A	23-11-2000	EP 1183669 A1 06-03-2002
			JP 2002544636 T 24-12-2002
			US 6826514 B1 30-11-2004
EP 1626252	A	15-02-2006	NONE
DE 10052941	A1	08-05-2002	NONE