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(54) **Security indication system**

(57) A security status indication system for a closure, wherein the closure has a locking member which is selectively actuatable into and from a locking condition, and the system comprises a sensor arranged to detect a change in condition of the locking member and a transmitter which, upon detection of said change in condition of the locking member, transmits a signal to a portable device. The portable device comprises user input means

and a display screen, wherein the device is arranged to store a security status condition for said closure according to the most recently received signal from the transmitter such that upon operation of the user input means by a user, the device indicates the security status of the closure on said display screen according to the most recently stored security status indication.

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| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|---|--|---|--|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (IPC) |
| X | US 2004/061604 A1 (GILES JAMES RYAN [US]) 1 April 2004 (2004-04-01) * paragraph [0016] - paragraph [0025] * * figures * | 1,2,4,6, 8-10,13 | INV. G07C9/00 |
| X | DE 10 2004 024995 A1 (BOSCH GMBH ROBERT [DE]) 8 December 2005 (2005-12-08) * paragraph [0008] - paragraph [0009] * * paragraph [0014] - paragraph [0017] * | 1,3,7, 11,13 | |
| X | DE 198 23 183 A1 (NSM AG [DE]) 14 October 1999 (1999-10-14) * column 3, line 12 - line 37 * * column 3, line 69 - column 4, line 46 * * figures * | 1,3,5,13 | |
| X | FR 2 657 643 A (NEIMAN SA [FR]) 2 August 1991 (1991-08-02) * page 2, line 19 - page 4, line 24 * * figure 2 * | 1,13 | |
| A | US 2005/012631 A1 (GREGORI ERIC M [US] ET AL) 20 January 2005 (2005-01-20) * paragraph [0015] - paragraph [0017] * * paragraph [0020] - paragraph [0021] * * paragraph [0028] - paragraph [0031] * * figures * | 1-13 | TECHNICAL FIELDS SEARCHED (IPC) G07C |
| The present search report has been drawn up for all claims | | | |
| Place of search Munich | | Date of completion of the search 8 July 2008 | Examiner Paraf, Edouard |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p> | | | |

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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08-07-2008

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
| US 2004061604 A1 | 01-04-2004 | NONE | |
| DE 102004024995 A1 | 08-12-2005 | NONE | |
| DE 19823183 A1 | 14-10-1999 | NONE | |
| FR 2657643 A | 02-08-1991 | DE 4102020 A1 | 01-08-1991 |
| | | ES 2024976 A6 | 01-03-1992 |
| | | GB 2240418 A | 31-07-1991 |
| | | IT 1244903 B | 13-09-1994 |
| | | JP 4213676 A | 04-08-1992 |
| US 2005012631 A1 | 20-01-2005 | AU 2004201719 A1 | 11-11-2004 |
| | | CA 2465018 A1 | 28-10-2004 |
| | | DE 102004020308 A1 | 18-11-2004 |
| | | FR 2854269 A1 | 29-10-2004 |
| | | GB 2402253 A | 01-12-2004 |
| | | US 2004212498 A1 | 28-10-2004 |