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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

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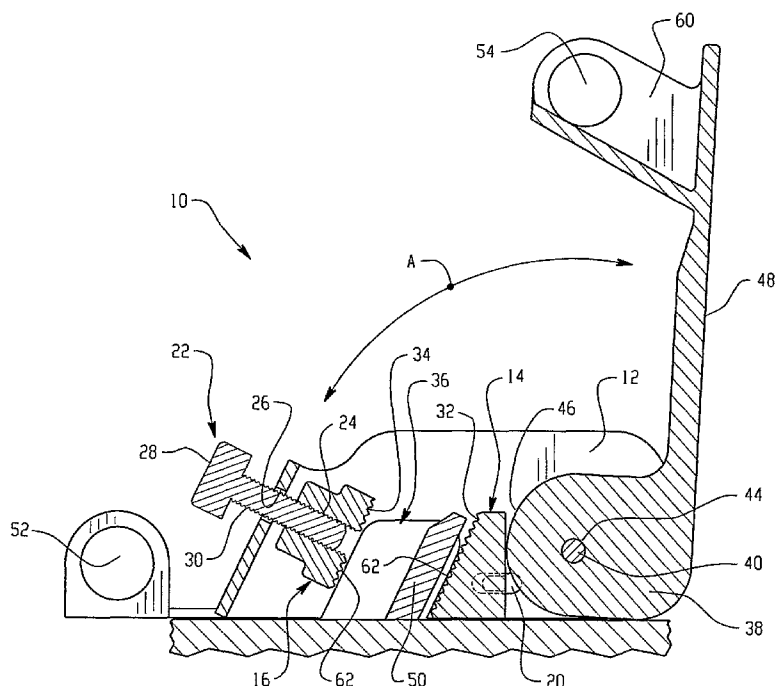
— of inventorship (Rule 4.17(iv))

**Published:**

— with international search report  
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[Continued on next page]

(54) Title: CIRCUIT BREAKER LOCKOUT DEVICE



(57) Abstract: A lockout device for securing a toggle switch. The lockout device includes a body, a first clamping surface, a second clamping surface, and a cam. The first clamping surface and the second clamping surface are moveably coupled to the body and are positioned to define a slot for accommodating the toggle switch. The cam is rotatably coupled to the body. When the cam is rotated in a first direction, the cam moves the first clamping surface towards the second clamping surface.

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

22 November 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

International application No.

PCT/US06/11629

| <b>A. CLASSIFICATION OF SUBJECT MATTER</b><br>IPC: <b>H01H 9/28( 2006.01)</b><br><br>USPC: <b>200/43.14</b><br>According to International Patent Classification (IPC) or to both national classification and IPC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |   |                                                                       |                          |     |  |       |   |  |        |   |                                                                                |        |   |                                                                               |      |   |                                                                                  |      |   |                                                                            |      |   |                                                                           |      |
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| <b>B. FIELDS SEARCHED</b><br>Minimum documentation searched (classification system followed by classification symbols)<br>U.S. : 200/43.14, 43.01, 43.11, 43.14, 43.16, 43.19, 43.21, 43.22, 334<br><br>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched<br>NONE<br><br>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)<br>NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |   |                                                                       |                          |     |  |       |   |  |        |   |                                                                                |        |   |                                                                               |      |   |                                                                                  |      |   |                                                                            |      |   |                                                                           |      |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Category *</th> <th style="width: 70%;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="width: 20%;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">X</td> <td>US 5,300,740 A (BENDA) 05 April 1994 (05.04.1994) see entire document</td> <td style="text-align: center;">1-5, 9-11, 15, 16, 19-23</td> </tr> <tr> <td style="text-align: center;">---</td> <td></td> <td style="text-align: center;">-----</td> </tr> <tr> <td style="text-align: center;">Y</td> <td></td> <td style="text-align: center;">13, 14</td> </tr> <tr> <td style="text-align: center;">Y</td> <td>US 4,704,504 A (JONES et al) 03 November 1987 (03.11.1987) see entire document</td> <td style="text-align: center;">13, 14</td> </tr> <tr> <td style="text-align: center;">A</td> <td>US 4,347,412 A (MIHARA et al) 31 August 1982 (31.08.1982) see entire document</td> <td style="text-align: center;">1-30</td> </tr> <tr> <td style="text-align: center;">A</td> <td>US 5,079,390 A (COSTANZO et al) 07 January 1992 (07.01.1992) see entire document</td> <td style="text-align: center;">1-30</td> </tr> <tr> <td style="text-align: center;">A</td> <td>US 5,147,991 A (JORDAN) 15 September 1992 (15.09.1992) see entire document</td> <td style="text-align: center;">1-30</td> </tr> <tr> <td style="text-align: center;">A</td> <td>US 6,617,532 A (TUREK) 09 September 2003 (09.09.2003) see entire document</td> <td style="text-align: center;">1-30</td> </tr> </tbody> </table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                           | Category *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Citation of document, with indication, where appropriate, of the relevant passages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Relevant to claim No. | X | US 5,300,740 A (BENDA) 05 April 1994 (05.04.1994) see entire document | 1-5, 9-11, 15, 16, 19-23 | --- |  | ----- | Y |  | 13, 14 | Y | US 4,704,504 A (JONES et al) 03 November 1987 (03.11.1987) see entire document | 13, 14 | A | US 4,347,412 A (MIHARA et al) 31 August 1982 (31.08.1982) see entire document | 1-30 | A | US 5,079,390 A (COSTANZO et al) 07 January 1992 (07.01.1992) see entire document | 1-30 | A | US 5,147,991 A (JORDAN) 15 September 1992 (15.09.1992) see entire document | 1-30 | A | US 6,617,532 A (TUREK) 09 September 2003 (09.09.2003) see entire document | 1-30 |
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| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US 4,347,412 A (MIHARA et al) 31 August 1982 (31.08.1982) see entire document                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1-30                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |   |                                                                       |                          |     |  |       |   |  |        |   |                                                                                |        |   |                                                                               |      |   |                                                                                  |      |   |                                                                            |      |   |                                                                           |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US 5,079,390 A (COSTANZO et al) 07 January 1992 (07.01.1992) see entire document                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1-30                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |   |                                                                       |                          |     |  |       |   |  |        |   |                                                                                |        |   |                                                                               |      |   |                                                                                  |      |   |                                                                            |      |   |                                                                           |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US 5,147,991 A (JORDAN) 15 September 1992 (15.09.1992) see entire document                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1-30                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |   |                                                                       |                          |     |  |       |   |  |        |   |                                                                                |        |   |                                                                               |      |   |                                                                                  |      |   |                                                                            |      |   |                                                                           |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US 6,617,532 A (TUREK) 09 September 2003 (09.09.2003) see entire document                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-30                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |   |                                                                       |                          |     |  |       |   |  |        |   |                                                                                |        |   |                                                                               |      |   |                                                                                  |      |   |                                                                            |      |   |                                                                           |      |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |   |                                                                       |                          |     |  |       |   |  |        |   |                                                                                |        |   |                                                                               |      |   |                                                                                  |      |   |                                                                            |      |   |                                                                           |      |
| <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;">           * Special categories of cited documents:<br/><br/>           "A" document defining the general state of the art which is not considered to be of particular relevance<br/><br/>           "E" earlier application or patent published on or after the international filing date<br/><br/>           "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)<br/><br/>           "O" document referring to an oral disclosure, use, exhibition or other means<br/><br/>           "P" document published prior to the international filing date but later than the priority date claimed         </td> <td style="width: 50%; vertical-align: top;">           "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<br/><br/>           "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<br/><br/>           "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<br/><br/>           "&amp;" document member of the same patent family         </td> </tr> </table>                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                           | * Special categories of cited documents:<br><br>"A" document defining the general state of the art which is not considered to be of particular relevance<br><br>"E" earlier application or patent published on or after the international filing date<br><br>"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)<br><br>"O" document referring to an oral disclosure, use, exhibition or other means<br><br>"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<br><br>"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<br><br>"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<br><br>"&" document member of the same patent family |                       |   |                                                                       |                          |     |  |       |   |  |        |   |                                                                                |        |   |                                                                               |      |   |                                                                                  |      |   |                                                                            |      |   |                                                                           |      |
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| Date of the actual completion of the international search<br>20 September 2007 (20.09.2007)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Date of mailing of the international search report<br><div style="font-size: 1.5em; font-weight: bold;">27 SEP 2007</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |   |                                                                       |                          |     |  |       |   |  |        |   |                                                                                |        |   |                                                                               |      |   |                                                                                  |      |   |                                                                            |      |   |                                                                           |      |
| Name and mailing address of the ISA/US<br>Mail Stop PCT, Attn: ISA/US<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, Virginia 22313-1450<br>Facsimile No. (571) 273-3201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Authorized officer<br><br>Jose Dees<br><br>Telephone No. 571-272-1569                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |   |                                                                       |                          |     |  |       |   |  |        |   |                                                                                |        |   |                                                                               |      |   |                                                                                  |      |   |                                                                            |      |   |                                                                           |      |

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US06/11629

## 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 6,696,651 B1 (KOOPMEINERS et al) 24 February 2004 (24.02.2004) see entire document | 1-30                  |
| A          | US 6,727,441 B2 (BENDA) 27 April 2004 (27.04.2004) see entire document                | 1-30                  |