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(54) Title: LOCKING MECHANISM FOR A COMMUNICATION DEVICE

(57) Abstract: A locking mechanism for a communication device (100) is provided by an access cover (102) having a simple user interface with rugged features that prevent the access door from detaching if the device is dropped. The access cover (102) includes a latch (106) movable vertically in up and down positions (112, 114) in combination with a slideable lock (110) movable horizontally in side to side positions, one of the side positions preventing up and down movement of the latch. A single lock icon (120) is disposed across the latch (106) and slideable lock (110) such that an unlocked position (118) is indicated when the latch moves up and down (112, 114), and a locked position (116) is indicated when the slideable lock (110) is slid to the side position that prevents up and down movement of the latch.
### INTERNATIONAL SEARCH REPORT

**International application No.**

PCT/US 07/65035

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(8) - E05B 15/02 (2007.01)
USPC - 292/340

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)

USPC: 292/340

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC: 292/340, 341.14, 341.15, 352, 16; (text search, see terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST(PGPB,USPT,EPAB,JPAB); Google Scholar

Search Terms: battery, communication, electrical, lock, slide, move, door, cover, fastener, latch, catch

### 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>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 4,972,508 A (KING) 20 November 1990 (20.11.1990), col 2, l 32-53, Fig 1, 2</td>
<td>1:1 1</td>
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<tr>
<td>A</td>
<td>US 6,197,443 B1 (GOTOU) 6 March 2001 (06.03.2001), entire document</td>
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<td>US 5,149,604 A (NAKANISHI) 22 September 1992 (22.09.1992), entire document</td>
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<td>A</td>
<td>US 5,130,892 A (SATOU) 14 July 1992 (14.07.1992), entire document</td>
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</table>

**Further documents are listed in the continuation of Box C**

- **"A"** document defining the general state of the art which is not considered to be of particular relevance
- **"E"** earlier application or patent but published on or after the international filing date
- **"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)
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Date of the actual completion of the international search

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