Title: PORTABLE AUTHENTICATION DEVICE AND ASSOCIATED SYSTEM AND METHOD

Abstract: An authentication device and associated system and method for authentication. The authentication device (110) may be used to verify that a processor thereof is authorized to receive a prearranged entitlement. The possessor may be entitled to a good or service, access to a location, a discount, etc. Verification and arrangement may occur through communication with a central server (120), initiated by the authentication device (110), from any of a plurality of remote interfaces (130). In one embodiment, the present invention may replace a traditional paper ticketing system and improve efficiency by regulating admittance to an access-control venue with the reusable authentication device (110). An authentication device (110) of such a system preferably includes a display (240) for providing information, including that which might be found on a traditional paper ticket and/or ticket stub.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : G06F 11/30, 12/14; H04L 9/00, 9/32
US CL : 713/202
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. : 713/200, 202, 705/64, 65, 257/924

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)
EAST, NPL-ProQuest

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 6,016,478 A (MAES et al) 18 January 2000 (18.01.2000), see fig. 1, 2, 3, 4; col. 3 lines 38-67; col. 4 line 65 - col. 6 line 27; col. 7 line 37 - col. 8 line 65; col. 9 line 65-col. 10 line17; col. 11 line 27-col. 12 line 54</td>
<td>1-10, 12-30</td>
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<td>X</td>
<td>US 5,748,737A (DAGGAR) 5 May 1998 (5.5.1998), Fig 1, 2A, 2B 4A, 4B, col. 8 line 44-col. 09. line 4; col. 10 line 5-col. 13-line12; col. 13 line 65-col. 14 line 58; col. 16 line 6-col. 17 line 8</td>
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<td>Y</td>
<td>Ohr, Stephan Cost concerns bite into Bluetooth's momentum, Electronic Engineering Times; Manhasset; April 10, 2000, page 2</td>
<td>11</td>
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</table>

Further documents are listed in the continuation of Box C. See patent family annex.

Date of the actual completion of the international search: 05 June 2002 (05.06.2002)
Date of mailing of the international search report: 28 AUG 2002

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