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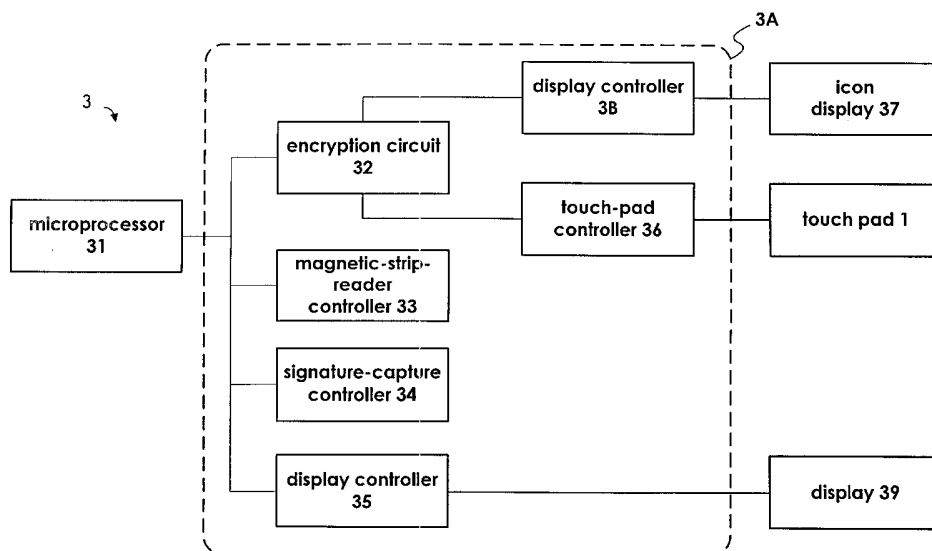
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(54) Title: A TOUCH PAD THAT CONFIRMS ITS SECURITY



(57) Abstract: Apparatus and methods for secure data entry. The apparatus includes a device for entering data, a display for displaying information confirming the security of the data-entry apparatus and an encryption circuit, communicatively coupled to the data-entry device and the display. The device for entering data may be a touch pad. The first and second displays are physically separate and are under the control of respective controllers, in turn communicatively coupled to and under the control of the encryption circuit. The displayed information may be an icon. The data-entry apparatus refrains from displaying information asserting the device's ability to securely receive data. The data-entry device then prepares to receive encrypted data received. If then displays information asserting the data-entry device's ability to securely receive the data.



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*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

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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) IPC 7 G07F G06F G07C		
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, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 970 146 A (D.C. MACCALL) 19 October 1999 (1999-10-19) the whole document ---	1-4, 6
A	WO 00 57262 A (RADIANT SYSTEMS) 28 September 2000 (2000-09-28) abstract; claims; figures 3-6 page 12, line 15 -page 13, line 23 ---	1-4, 6
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A	US 5 493 613 A (R.G. DENNO) 20 February 1996 (1996-02-20) ---	
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<input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  David, J	

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