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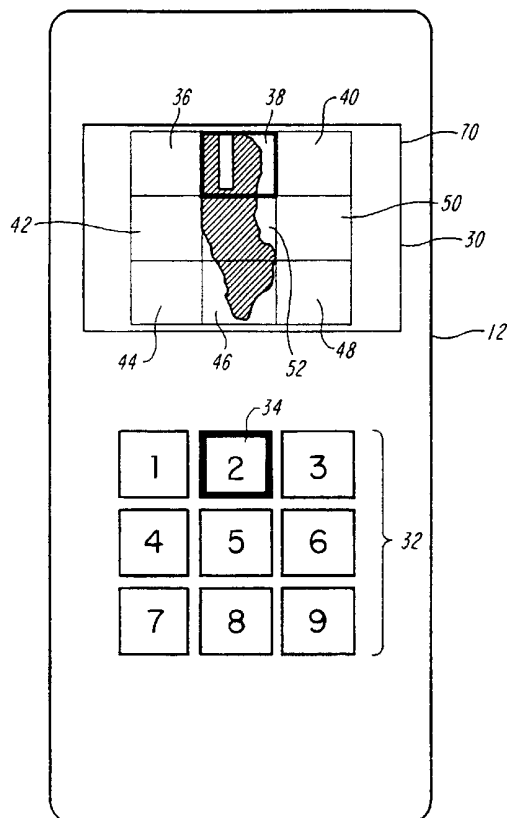
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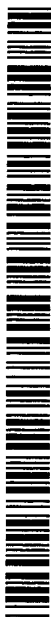
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(54) Title: GRAPHICAL LAYOUT FOR MAPPING KEYS OF A KEYPAD TO DISPLAY REGIONS



(57) Abstract: A visual display for an electronic device is partitioned into regions. Each of the regions is associated with a key on a keypad. One exemplary implementation is a 3x3 grid of regions corresponding to nine keys numbered 1-9 on a numbered keypad. A visual correspondence is provided for the user to associate choices illustrated in the regions with the numbered keys. The regions display visual information such as graphics and/or text to identify a selection option. The keys are associated with the regions such that when a key is selected the selection option associated with the region is chosen. In this fashion, a user may navigate through content, such as content from the Internet, to gain accesses to service, to obtain information and to purchase items.



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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

Int. Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F3/023

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 G06F G01C

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, PAJ, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 016 142 A (WITHINGTON ALAN HENRY ET AL) 18 January 2000 (2000-01-18) the whole document ---	1-50
A	US 5 633 912 A (TSOI KAM-CHEONG A) 27 May 1997 (1997-05-27) abstract column 2, line 40 -column 3, line 30 ---	1, 20, 27, 28, 38, 43, 49, 50
A	US 5 543 818 A (SCOTT ED) 6 August 1996 (1996-08-06) abstract column 1, line 1 -column 2, line 29 --- -/--	1, 20, 27, 28, 38, 43, 49, 50

Further documents are listed in the continuation of this C.

Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *G* document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 883 055 A (SONY CORP) 9 December 1998 (1998-12-09) abstract column 1, line 1 -column 3, line 17 -----	28, 50

I' INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6016142	A	18-01-2000	NONE
US 5633912	A	27-05-1997	US 5425077 A 13-06-1995 EP 0633684 A2 11-01-1995
US 5543818	A	06-08-1996	NONE
EP 0883055	A	09-12-1998	JP 10333863 A 18-12-1998 CN 1201184 A 09-12-1998 EP 0883055 A2 09-12-1998 TW 426831 B 21-03-2001 US 2001003453 A1 14-06-2001