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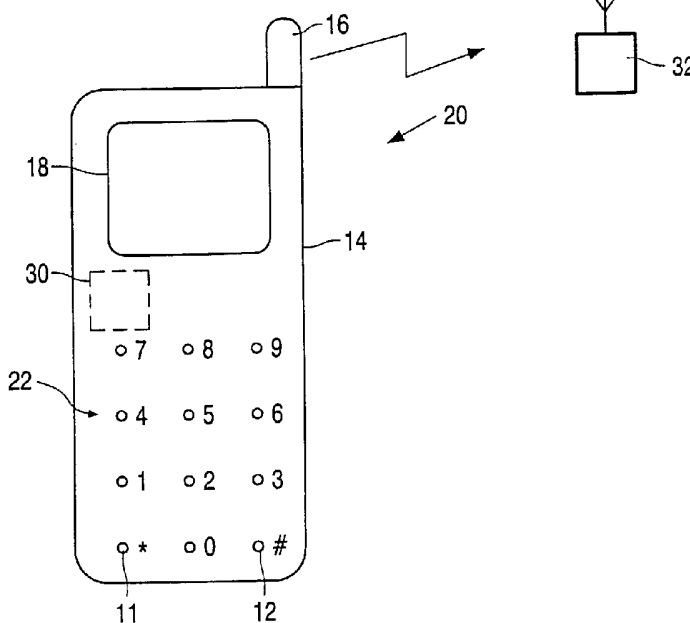
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(54) Title: DATA INPUT DEVICE



(57) Abstract: A data entry system includes a number of sensors (27) behind a smooth surface (26). A pointer (34), such as a finger, traces out characters on the surface (26). An interpreter (30) matches the characters traced with predetermined patterns and outputs a corresponding character. The data entry system is suitable for use in small hand-held devices such as mobile telephones. It is suitable for entering Chinese characters.



WO 03/003181 A3

INTERNATIONAL SEARCH REPORT

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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

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 72300 A (MOTOROLA INC) 30 November 2000 (2000-11-30) page 1, line 29 -page 2, line 4; claim 1; figures 1,4	1-23
A	EP 1 052 564 A (SMITH JEFFREY) 15 November 2000 (2000-11-15) claim 1; figure 3	1-23
A	US 5 521 986 A (CURTIN II WILLIAM J ET AL) 28 May 1996 (1996-05-28) claim 1; figure 16	1-23
A	US 4 578 811 A (INAGAKI NAOKI) 25 March 1986 (1986-03-25) claim 1; figure 3	1-23
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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## INTERNATIONAL SEARCH REPORT

International Application No

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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 0 733 963 A (VENTUREDYNE LTD) 25 September 1996 (1996-09-25) claim 1; figure 1 -----	1-23
A	US 4 679 951 A (COCHRAN RICHARD C ET AL) 14 July 1987 (1987-07-14) claim 1; figure 7B -----	1-23

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Information on patent family members

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