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Zhe. WENG, Fuliang.(81) Designated States (unless otherwise indicated, for every
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HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
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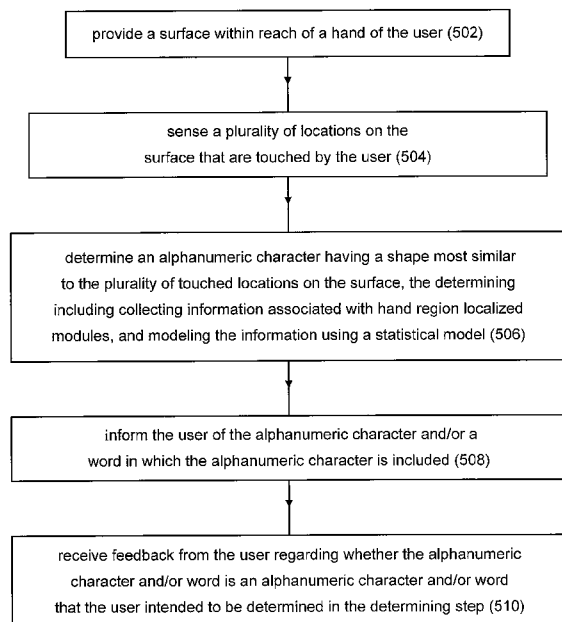
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(54) Title: METHOD OF USING MULTIPLE INFORMATION SOURCES IN IMAGE - BASED GESTURE RECOGNITION
SYSTEM

(57) **Abstract:** A method of interpreting input from a user includes providing a surface within reach of a hand of the user. A plurality of locations on the surface that are touched by the user are sensed. An alphanumeric character having a shape most similar to the plurality of touched locations on the surface is determined. The determining includes collecting information associated with hand region localized modules, and modeling the information using statistical models. The user is informed of the alphanumeric character and/or a word in which the alphanumeric character is included. Feedback is received from the user regarding whether the alphanumeric character and/or word is an alphanumeric character and/or word that the user intended to be determined in the determining step.

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.

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)
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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)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	WO 2012/061256 A1 (BOSCH GMBH ROBERT [DE]; WENG FULIANG [US]; CHENG YOU-CHI [US]; REN LIU) 10 May 2012 (2012-05-10) abstract; figures 1-4 paragraphs [0009], [0010], [0043] - [0047] claims 1,5	1-20
Y	US 2011/050589 A1 (YAN BAOSHI [US] ET AL) 3 March 2011 (2011-03-03) cited in the application abstract; figures 1-4 paragraphs [0007], [0023] - [0025] claim 1 ----- -/--	1-20



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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.
Y	EP 0 539 749 A2 (IBM [US] IBM [DK]) 5 May 1993 (1993-05-05) abstract; figures 1-7 page 5, line 21 - page 7, line 17 -----	1-20
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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