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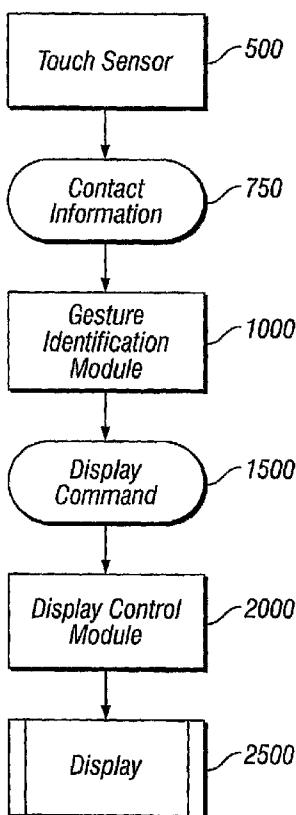
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(54) Title: STATE-BASED APPROACH TO GESTURE IDENTIFICATION



(57) Abstract: A method and apparatus for identifying user gesture includes a touch sensor (500) for determining contact information (750) that describes locations at which a user contacts a touch sensitive surface corresponding to a display (2500). The touch sensor (500) provides the contact information to a gesture identification module (1000) which uses state information to identify a user gesture and, responsive thereto issues an associated display command (1500) to a display control module. The display control module (2000) updates the display (2500) based on display commands received from the gesture identification module (1000).



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A. CLASSIFICATION OF SUBJECT MATTER

IPC: G09G 5/00 (2006.01); G06K 11/06 (2006.01); G06F 3/043 (2006.01)

USPC: 345/156, 173-181; 178/18.01, 18.04, 18.05, 18.06, 18.11

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 345/156, 173-181; 178/18.01, 18.04, 18.05, 18.06, 18.11

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)
US-PGPUB, USPAT, EPO, JPO, DERWENT, 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 6,723,929 B2 (KENT) 20 April, 2004 (20.04.2004), see the whole document	1-3, 5-20, 46-48, 50-60
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Y	US 6,608,619 B2 (OMURA et al.) 19 August 2003 (19.08.2003). See Fig. 1, column 12, lines 15-48.	4 and 49

Further documents are listed in the continuation of Box C.

See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance		later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed	"R"	document member of the same patent family

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