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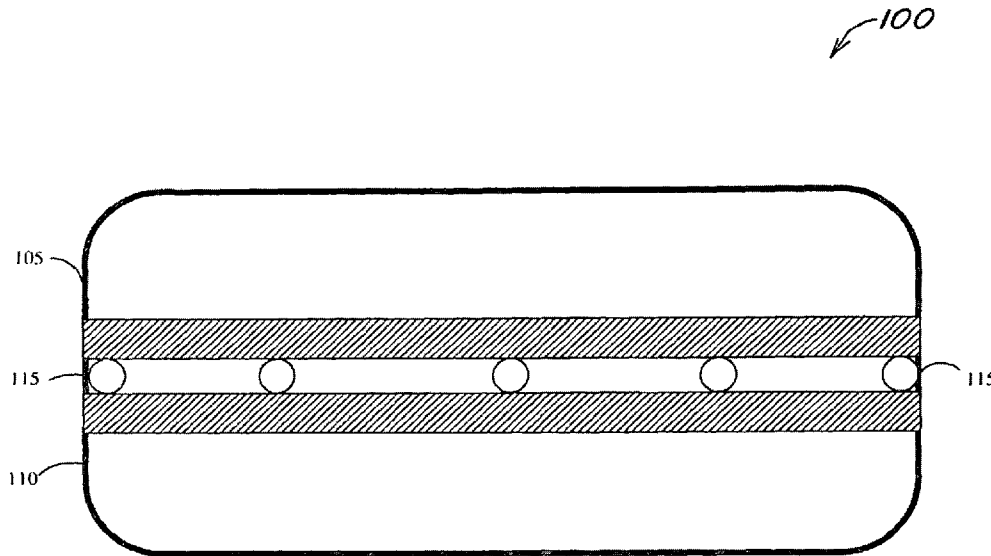
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(54) Title: METHOD AND SYSTEM FOR CALIBRATING A TOUCH SCREEN



(57) Abstract: A method (200 in FIG. 2) for calibrating a touch screen. Method may be comprised of determining an area for a region suitable for receiving, excluding activations determined to be located within a defined distance from the outer edge of the area determined for the region (206), accumulating a pattern of activations for a centroid within the region (204), and tuning a calibration factor to reposition the centroid within the center of the region (208).

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**INTERNATIONAL SEARCH REPORT**

International application No. PCT/US 07/22612
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**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC(8) - G01C 17/38 (2008.04)  
 USPC - 702/95  
 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)  
 USPC: 702/95

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 USPC: 702/104; 715/702; 345/173; 345/178 (text search - see terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 PubWEST(USPT,PGPB,EPAB,JPAB); DialogPRO(Engineering); Google Scholar  
 Search Terms Used: touch screen/pad/panel, calibration, pattern of activation, centroid/center, reposition

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/0214485 A1 (ROBERTS) 20 November 2003 (20.11.2003) (abstract, para [0003], para [0007]-[0014], para [0079], para [0085], para [0117]-[0118], para [0089], para [0116]-[0118])	1-21
Y	US 2005/0209828 A1 (BLOSSER et al.) 22 September 2005 (22.09.2005) (para [0006]-[0007], para [0067]-[0068], para [0071])	1-21
A	US 2006/0202969 A1 (HAUCK) 14 September 2006 (14.09.2006)	1-21

Further documents are listed in the continuation of Box C.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" 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
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 11 April 2008 (11.04.2008)	Date of mailing of the international search report <b>30 APR 2008</b>
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