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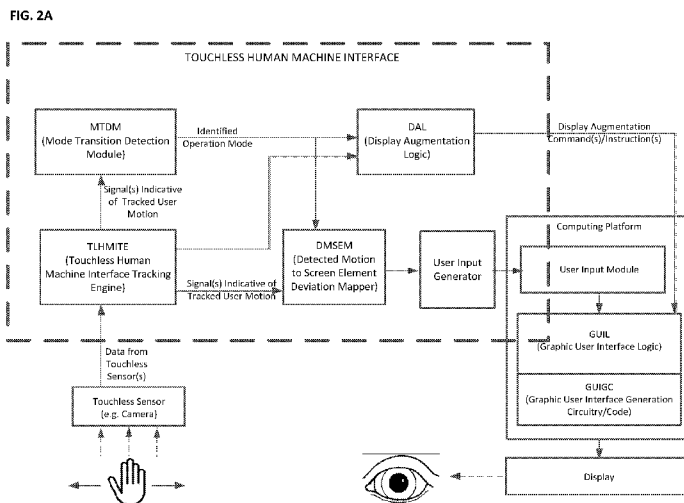
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(54) Title: METHODS CIRCUITS DEVICE SYSTEMS AND ASSOCIATED COMPUTER EXECUTABLE CODE FOR FACILITATING INTERFACING WITH A COMPUTING PLATFORM DISPLAY SCREEN



(57) Abstract: Disclosed are methods, circuits, apparatus, systems and computer executable code for providing a multimode touchless human machine interface (TLHMI). The TLHMI may include one or more touchless sensors to sense a position or a movement of a subject portion within a sensing zone of the one or more sensors. Tracking logic may receive an output of the one or more sensors and may track a position or movement of a portion of a computing platform user within the sensing zone. A user input generator may convert an output of the tracking logic into signals indicative of a user input and may provide the user input signals to a functionally associated computing platform.



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G06K 9/00 (2013.01) USPC - 382/103 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(8) - G09G 5/00, H04N 9/73, H04N 9/64, G06K 9/32, G06K 9/36, G06K 9/62, G06K 7/00 (2013.01) USPC - 345/156-160; 345/619, 661, 676; 348/658, 382/103, 181, 189, 203, 209, 291-293, 312 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched CPC - H03K 17/94, H04B 1/38, G10L 15/06, G09G 5/08 (2013.01) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Orbit, Google Patents, Google Scholar, Google.com		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2008/0111710 A1 (Boillot) 15 May 2008 (15.05.2008) entire document	1-18
Y	US 5,594,469 A (Freeman et al.) 14 January 1997 (14.01.1997) entire document	1-18
A	US 2004/0193413 A1 (Wilson et al.) 30 September 2004 (30.09.2004) entire document	1-18
A	US 2011/0090147 A1 (Gervais et al.) 21 April 2011 (21.04.2011) entire document	1-18
A	US 2005/0088409 A1 (Van Berkel) 28 April 2005 (28.04.2005) entire document	1-18
A	US 2010/0289740 A1 (Kim et al.) 18 November 2010 (18.11.2010) entire document	1-18
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Blaine R. Copenheaver PCT Helpdesk 571-272-4300 PCT OSP: 571-272-7774