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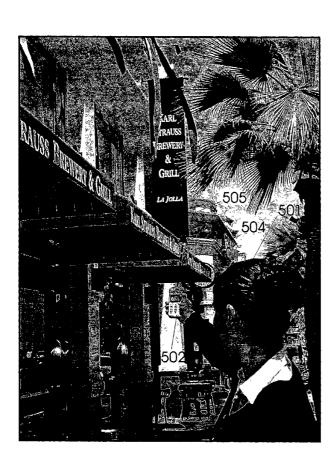
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(54) Title: POINTING SYSTEMS FOR ADDRESSING OBJECTS



(57) Abstract: Systems are arranged to provide a user (521) information (533) which relates to objects of interest (525). A user may point a hand held device (522) toward an object to address it. The device determines which objects are being addressed by making position and attitude measurements and further a reference and search of a database (12) containing preprogrammed information relating to objects. Information relating to objects determined as objects presently being addressed in thereafter presented at a user interface (532). Devices of these systems include a point reference (545), a direction reference (546), a position determining (26) support, attitude (29) determining support, a computer processor (23) and database, and a user interface (532). Methods of systems include the steps of addressing an object (161), determining position and attitude (161) searching a database (221), and presenting information to a user (237).

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G06F 15/00 US CL : 702/150					
	International Patent Classification (IPC) or to both na	tional classification and IPC			
B. FIEL	DS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: Please See Continuation Sheet					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.		
х	US 6,173,239 B1 (Ellenby) 09 January 2001 (09.01. 58; column 3, lines 4-23 and 36-67; column 4, lines 11-39; column 6, lines 1-24 and 53-61; column 7, lines 55; column 9, lines 29-33 and 47-57.	1-18, 20-33, 36-67; column 5, lines1-8,	1-28, 30-37,108,110- 111, 114-115 and 117		
Υţ	US 6,173,239 B1 (Ellenby) 09 January 2001 (09.01. lines 1-49.	2001), col. 3, lines 26-67 and col. 4,	29		
Y į	US 6,009,629 A (Gnepf et al.) 04 January 2000 (04.01.2000), column 1, lines 23-47.		29		
A	US 6,173,239 B1 (Ellenby) 09 January 2001 (09.01.2001), see the entire document.		1-129		
	documents are listed in the continuation of Box C.	See patent family annex.			
 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 inter date and not in conflict with the applic principle or theory underlying the inve	ation but cited to understand the		
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C. (Continu	uation) DOCUMENTS CONSIDERED TO BE RELEVANT	***************************************
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0,171,581 A1 (Sheynblat et al.) 21 November 2002 (21.11.2002), see the entire document.	1-129
A	US 6,381,603 B1 (Chan et al.) 30 April 2002 (30.04.2002), see the entire document.	1-129
A	US 6,396,475 B1 (Ellenby et al.) 28 May 2002 (20.05.2002), see the entire document.	1-129
A	US 5,508,707 A (Le Blanc et al.) 16 April 1996 (16.04.1996), see the entire document.	1-129
A	US 5,884,224 A (McNabb et al.) 16 March 1999 (16.03.1999), see the entire document.	1-129
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Continuation of B. FIELDS SEARCHED Item 1:	0.10 (#0.110# #00.10 #01.100# #0# #11.110#
702/2, 33,150, 185; 33/357,520; 73/865.9; 707/10; 345/156; 342/357.09,418,457,	,848; 473/407; 700/9; 701/202,207,211; 711/100;
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Continuation of B. FIELDS SEARCHED Item 3:	
Searched: USPTO EAST system (Keyword included: Position, measur\$5, determined to the control of	in\$5, direction\$2, attitude, mobile, portable, handheld,
hand, held, device\$1, unit\$1,user\$1,cellular, phone, reference, point,location, reference	erence, computer, processor, microprocesso, user,
interface, Geographic, information, system, GIS, GPS, database, wireless, telepho	ne, web, webpage\$1,html, internet, multimedia,
network, data, base, warehouse)	

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