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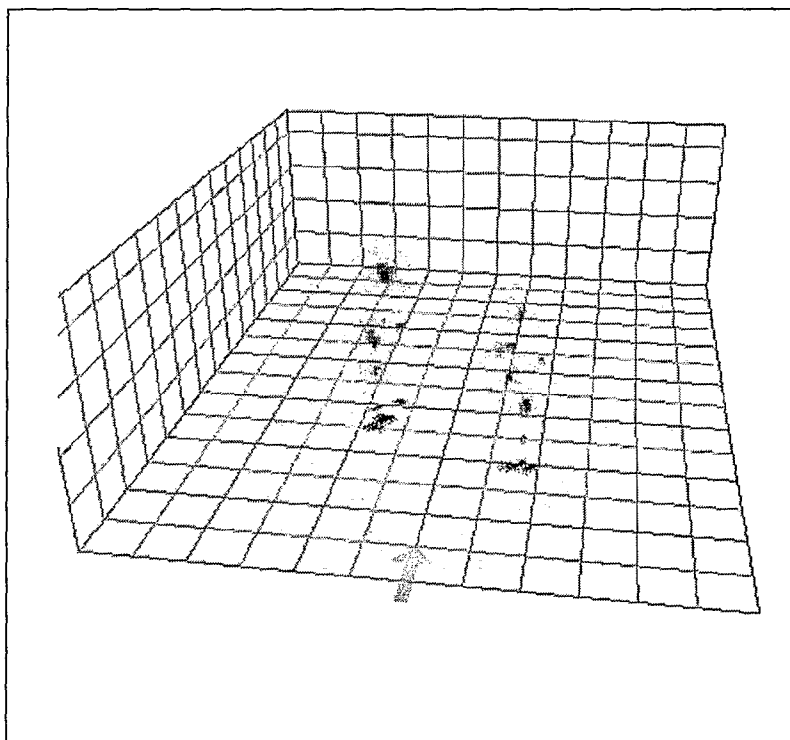
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(54) Title: SYSTEM AND METHOD FOR VOLUME VISUALIZATION IN ULTRA-WIDEBAND RADAR



(57) Abstract: Herewith disclosed a method for volume visualization in ultra-wideband radar and a system thereof. The method comprises perceiving processing provided in order to facilitate a meaningful representation and/or an instant understanding of the image to be displayed, said perceiving processing resulted in generating one or more perceiving image ingredients. The perceiving image ingredient may be, for example, a shadow added to the reconstructed image, a position-dependent color scheme applied to the reconstructed image, a color scheme adapted to external lighting conditions and applied to the reconstructed image, a Halo artificially added to the reconstructed image, a distinctive color scheme applied to time-invariant and time-variant elements of the reconstructed image, etc.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL07/00427

A. CLASSIFICATION OF SUBJECT MATTER

IPC: G01S 13/89(2006.01)

USPC: 342/179;382/276

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)
U.S. : 342/179; 382/276

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US5668555 (STARR) 16 SEPTEMBER 1997 (16.09.1997), ABSTRACT AND FIGURE 3.	1-22
Y	US4835532 (FANT) 30 MAY 1989 (30.05.1989), COLUMN 11, LINES 35-55.	1-22
Y	US5317689 (NACK ET AL.) 31 MAY 1994 (31.05.1994), COLUMN 13, LINES 1-6.	1-22
Y	US5379215 (Kruhoeffler et al.) 03 january 1995 (03.01.1995), figure 2 and claim 1.	1-22

Further documents are listed in the continuation of Box C.

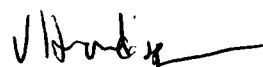
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"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed	"&"	document member of the same patent family

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