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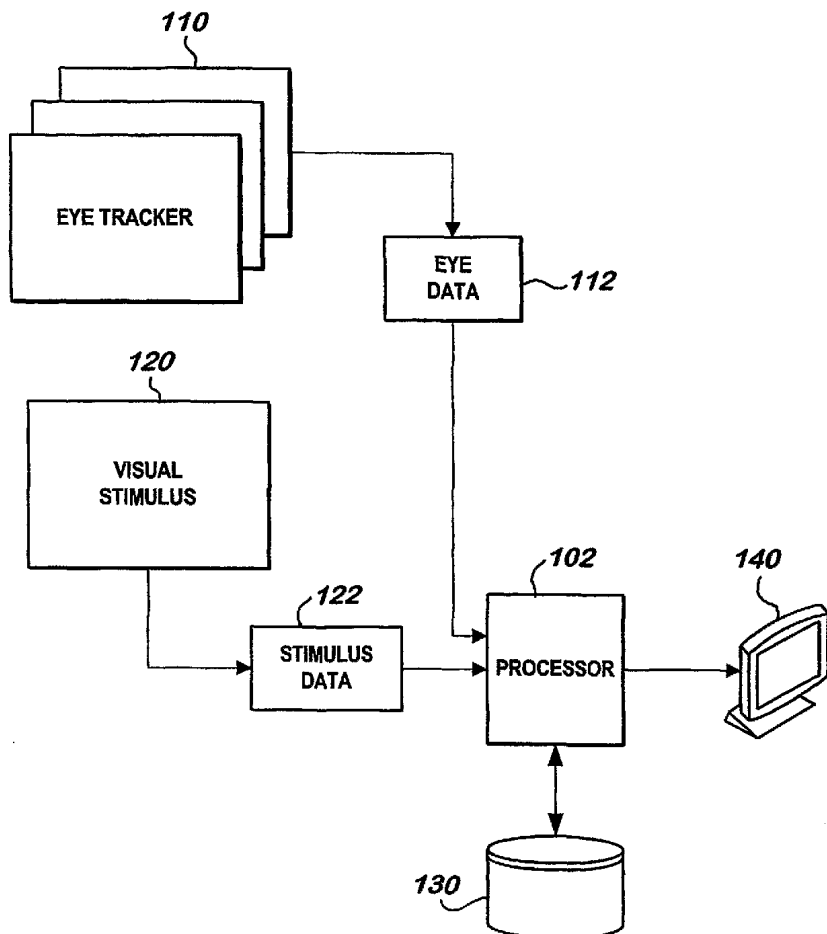
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(54) Title: SYSTEM AND METHOD FOR QUANTIFYING AND MAPPING VISUAL SALIENCE



(57) Abstract: A system for quantifying and mapping visual salience to a visual stimulus, including a processor, software for receiving data indicative of a group of individual's ocular responses to a visual stimulus, software for determining a distribution of visual resources at each of at least two times for each of at least a portion of the individuals. The system further including software for determining and quantifying a group distribution of visual resources at each of the at least two times and software for generating a display of the group's distribution of visual resources to the visual stimulus.

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A. CLASSIFICATION OF SUBJECT MATTER  
 IPC: A61B 13/00( 2006.01)

USPC: 600/588  
 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. : 600/588, 351/209

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.
X	US 6712468 (Edwards) 30 March 2004 (30.03.2004), entire document.	1-13 and 20-36
X	US 6601021 (Card et al) 29 June 2003 (29.06.2003), entire document.	14-19

Further documents are listed in the continuation of Box C.  See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed		

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