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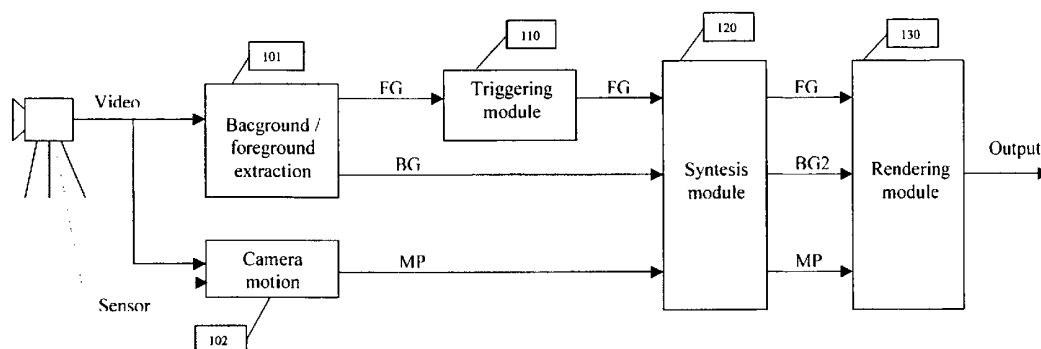
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(54) Title: AUTOMATED STROBOSCOPING OF VIDEO SEQUENCES

schematic block diagram of apparatus for automated stroboscopic



(57) Abstract: Standard video footage even from a single video camera (Video) can be used to obtain, in an automated fashion (101,102,110,120,130), a stroboscope sequence of a sports event, for example. The sequence may be represented as a static images of a photographic nature, or by a video sequence in which camera motion remains present, in which case the video sequence can be rendered as a panning camera movement on a stroboscope picture or as an animated stroboscope sequence in which the moving object leaves a trailing trace of copies along its path. Multiple cameras can be used for an expanded field of view or for comparison of multiple sequences, for example.

INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04N 5/262

US CL : 375/240.08

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. : 375/240.08, 240.01, 240.10

348/579

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.
A	US 4,168,510 B1 (KAISER) 18 SEPTEMBER 1979, THE FIG.	1-38
X	US 5,923,365 B1 (TAMIR ET AL.) 13 JULY 1999, Figs. 3A, 3B, col 8, line 48-col. 11, line 55.	1-38
A	US 5,953,056 B1 (TUCKER) 14 SEPTEMBER 1999 Fig. 3.	1-38

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

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier document published on or after the international filing date	"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
"I" 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)	"&"	document member of the same patent family
"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		

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