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- Declaration under Rule 4.17:**
— of inventorship (Rule 4.17(iv))

[Continued on next page]

(54) Title: IMAGE PROJECTION SYSTEM WITH FEEDBACK

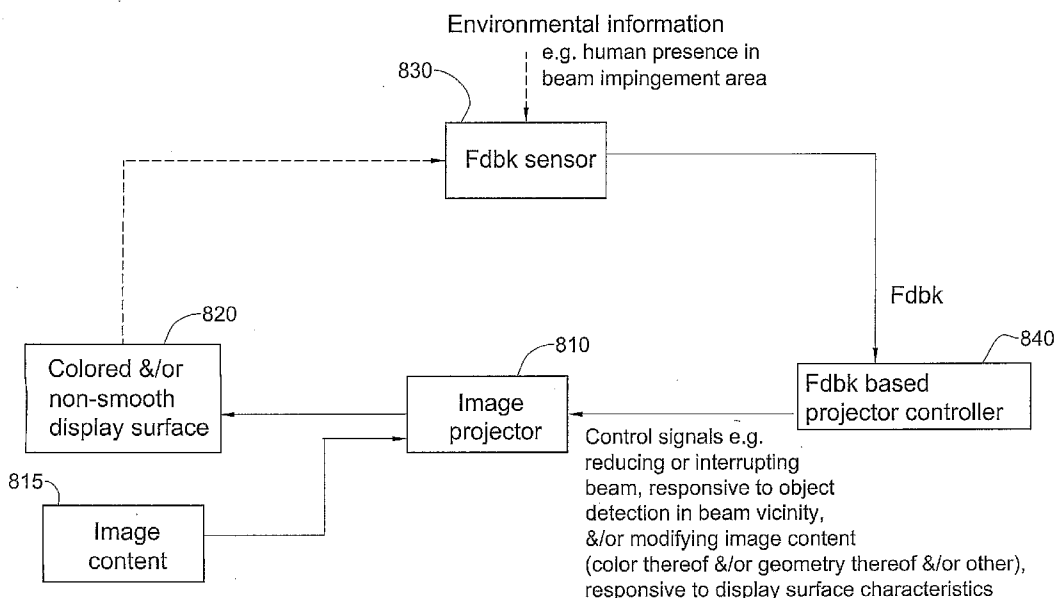


FIG. 8

(57) Abstract: An image display system including an image projector operative to receive image content and to project, accordingly, an output image onto a display surface, a sensor generating a sensor output pertinent to operation of the image projector, thereby to generate a sensor output; and an image projector feedback unit operative to control the image projector, responsive to the sensor output.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/IL2008/000839

A. CLASSIFICATION OF SUBJECT MATTER INV. H04N5/74 H04N9/31		
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) H04N		
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 practical, search terms used) EPO-Internal, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 002 505 A (KRAENERT JUERGEN [DE] ET AL) 14 December 1999 (1999-12-14) columns 2-5 column 7, lines 9-38	1-4, 9, 19-24
X	WO 2004/070485 A (SIEMENS AG [DE]; SIMON MARKUS [DE]) 19 August 2004 (2004-08-19) page 1, lines 5-7 page 3, lines 19-26	1-4, 23, 24, 26-28
X	US 2005/117132 A1 (AGOSTINELLI JOHN A [US]) 2 June 2005 (2005-06-02) paragraphs [0040] - [0044], [0052] - [0056]	1-4, 19, 21, 23
X	EP 1 793 599 A (NIPPON KOGAKU KK [JP]) 6 June 2007 (2007-06-06) paragraphs [0035] - [0039]	1, 4, 23, 24, 26-28
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> 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 *E* earlier document but published on or after the international filing date *L* 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) *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	*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 *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 *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. *&* document member of the same patent family	
Date of the actual completion of the international search <p style="text-align: center;">23 September 2008</p>	Date of mailing of the international search report <p style="text-align: center;">12/12/2008</p>	
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040. Fax: (+31-70) 340-3016	Authorized officer <p style="text-align: center;">Rolet, Etienne</p>	

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Claims Nos.: -

The claim 1 relates to an extremely large number of possible apparatus. For example a projection device with input detection means or with a temperature sensor would disclose all the technical features of claim 1. Support and disclosure in the sense of Article 6 and 5 PCT is to be found however for only a very small proportion of the apparatus claimed, see page 17, lines 8-15. The non-compliance with the substantive provisions is to such an extent, that the search was performed taking into consideration the non-compliance in determining the extent of the search of claim 1 (PCT Guidelines 9.19 and 9.23).

The search for claim 1 and the claims depending on claim 1 was restricted to those claimed apparatus which appear to be supported by the description and drawings. The type of sensor comprised in the claimed apparatus is restricted to sensors for detecting the presence of objects entering or being in the light path.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IL2008/000839

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: —
because they relate to subject matter not required to be searched by this Authority, namely:
see FURTHER INFORMATION sheet PCT/ISA/210
2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

see extra sheet

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-4, 9, 19-24, 26-28

directed to a projection system receiving feedback from a sensor detecting objects located between the display surface and the projection system or in the proximity of the display surface.

2. claims: 1,2, 5-8, 10-11, 18

directed to a projection system receiving feedback from a sensor providing information on the display surface.

3. claims: 12-17, 25

directed to a safe light source system.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IL2008/000839

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