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[Continued on next page]

(54) Title: DOUBLE STACKED PROJECTION

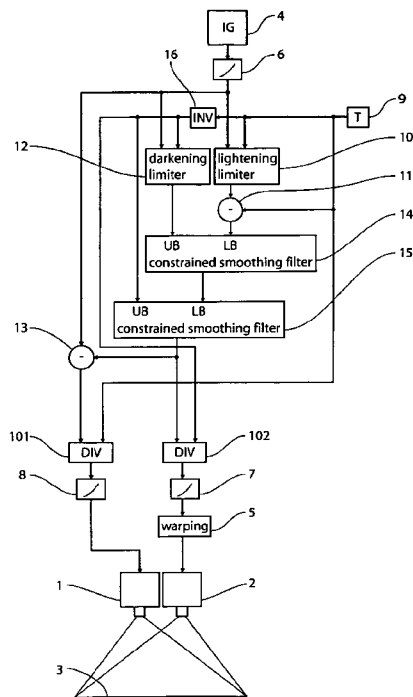
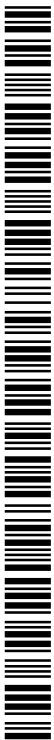


FIG. 2

(57) Abstract: A method for producing a first output image and a second output image for being projected by a first projector and a second projector, respectively, is disclosed. The method comprises: providing a source image comprising a plurality of pixels, each pixel having a source value, providing an inverted threshold value for each pixel of the plurality of pixels, and generating thereof a temporary image comprising a temporary value for each pixel of the plurality of pixels. The method further comprises: generating the first output image comprising a first output value for each pixel of the plurality of pixels, the first output value being generated from the temporary value and the source value for each pixel, and generating the second output image comprising a second output value for each pixel of the plurality of pixels, the second output value being generated from the temporary value.



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LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,  
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<b>B. FIELDS SEARCHED</b>				
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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, INSPEC, IBM-TDB, WPI Data				
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	"XLM HD30 - The ultimate high-brightness projector for high-resolution multi-windowing",  1 July 2006 (2006-07-01), XP55014864, Retrieved from the Internet: URL: <a href="http://www.projectorcentral.com/pdf/projector_spec_3403.pdf">http://www.projectorcentral.com/pdf/projector_spec_3403.pdf</a> [retrieved on 2011-12-14] the whole document  ----- -/--	1-106		
<input checked="" 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 :  <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;">                     "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                 </td> <td style="width: 50%; border: none; vertical-align: top;">                     "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.                      "&amp;" document member of the same patent family                 </td> </tr> </table>			"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
"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			
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International application No  
PCT/EP2011/056173

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A	<p>LI K ET AL: "Optical blending for multi-projector display wall systems", IEEE LEOS 12TH ANNUAL MEETING CONFERENCE PROCEEDINGS. LEOS'99,, vol. 1, 8 November 1999 (1999-11-08), pages 281-282, XP010361258, DOI: 10.1109/LEOS.1999.813592 ISBN: 978-0-7803-5634-4 the whole document</p> <p style="text-align: center;">-----</p>	1-106
A	<p>OKATANI T ET AL: "Study of Image Quality of Superimposed Projection Using Multiple Projectors", IEEE TRANSACTIONS ON IMAGE PROCESSING, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 17, no. 2, 1 February 2009 (2009-02-01), pages 424-429, XP011249562, ISSN: 1057-7149 the whole document</p> <p style="text-align: center;">-----</p>	1-106
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**INTERNATIONAL SEARCH REPORT**

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>JACOBSON N P ET AL: "Linear Fusion of Image Sets for Display",                      IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING, IEEE SERVICE CENTER, PISCATAWAY, NJ, US,                      vol. 45, no. 10,                      1 October 2007 (2007-10-01), pages 3277-3288, XP011192516,                      ISSN: 0196-2892, DOI: 10.1109/TGRS.2007.903598                      the whole document</p> <p align="center">-----</p>	1-106

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Information on patent family members

International application No  
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