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(54) Title: METHODS FOR THREE DIMENSIONAL RECONSTRUCTION AND DETERMINING THE QUALITY OF AN EMBRYO

(57) Abstract: The present invention relates generally to the fields of reproductive medicine. More specifically, the present invention relates to methods and devices for determining the quality of an embryo. More specifically, the present invention relates to the use of three dimensional reconstructions for determining the quality of an embryo.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. C12N5/073 G01N33/50 G06T17/00 G06T7/60 C12M3/00
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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)
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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 practicable, search terms used)
EPO-Internal, BIOSIS, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2010/151221 A1 (PHASE HOLOGRAPHIC IMAGING PHI AB [SE]; SEBESTA MIKAEL [SE]; PERSSON JO) 29 December 2010 (2010-12-29) claim all; figure 3	1-4
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Further documents are listed in the continuation of Box C.

See patent family annex.

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<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"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)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"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</p> <p>"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</p> <p>"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</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search 16 December 2015	Date of mailing of the international search report 13/01/2016
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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 Trommsdorff, Marion
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INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2015/001346

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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