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- (54) **Title:** METHOD AND APPARATUS FOR CREATING A DISOCCLUSION MAP USED FOR CODING A THREE-DIMENSIONAL VIDEO

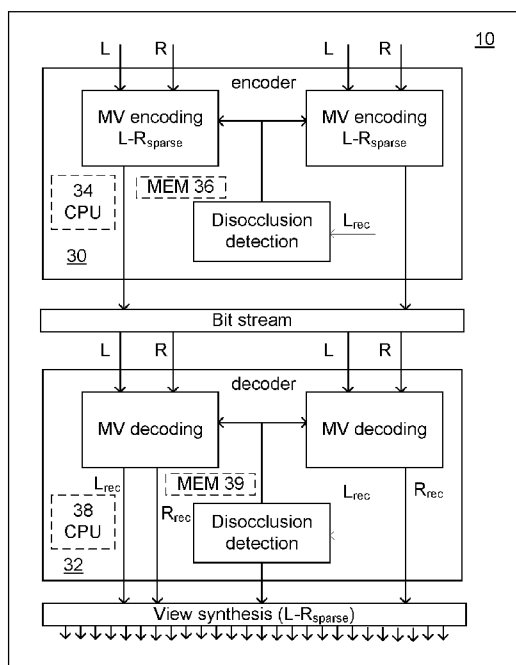


Fig. 3

- (57) **Abstract:** It is presented a method for creating a disocclusion map used for coding a three- dimensional, 3D, video, the method comprises receiving (800) a pixel-based disocclusion map in which pixels are marked either as disoccluded or not. A block- based disocclusion map is derived (802) based on the pixel-based disocclusion map. An area of the block-based disocclusion map that has been marked as disoccluded is extended (804). It is also presented an encoder (30), a decoder (32) and a system for creating the disocclusion map.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: G06T, H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, PAJ, WPI data, COMPENDEX, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Wenxiu Sun; Oscar C Au; Lingfeng Xu; Sung Him Chui; Chun Wing Kwok; Yujun Li, "Error compensation and reliability based view synthesis", Acoustics, Speech and Signal Processing (ICASSP), 2011 IEEE International Conference on, 2011-05-22, IEEE, ISBN 978-1-4577-0538-0 ; ISBN 1-4577-0538-9; whole document; abstract; page 1351, column 1, line 16 - page 1351, column 1, line 21	1-2, 5, 9, 14-15, 18, 20-21, 24, 26-27, 30, 33-36
A	--	3-4, 6-8, 10-13, 16-17, 19, 22-23, 25, 28-29, 31-32



Further documents are listed in the continuation of Box C.



See patent family annex.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	WO 2009001255 A1 (KONINKL PHILIPS ELECTRONICS NV ET AL), 31 December 2008 (2008-12-31); whole document --	1-36
A	EP 2175663 A1 (SAMSUNG ELECTRONICS CO LTD), 14 April 2010 (2010-04-14); whole document --	1-36
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P, A	WO 2012010220 A2 (FRAUNHOFER GES FORSCHUNG ET AL), 26 January 2012 (2012-01-26); whole document --	1-36
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International application No.
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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P, A	US 20110267348 A1 (LIN DENNIS ET AL), 3 November 2011 (2011-11-03); whole document --	1-36
P, A	US 20110293179 A1 (DIKMEN MERT ET AL), 1 December 2011 (2011-12-01); whole document --	1-36
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Continuation of: second sheet**International Patent Classification (IPC)*****H04N 13/00*** (2006.01)***G06T 7/00*** (2006.01)***G06T 15/20*** (2011.01)

INTERNATIONAL SEARCH REPORT

Information on patent family members

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