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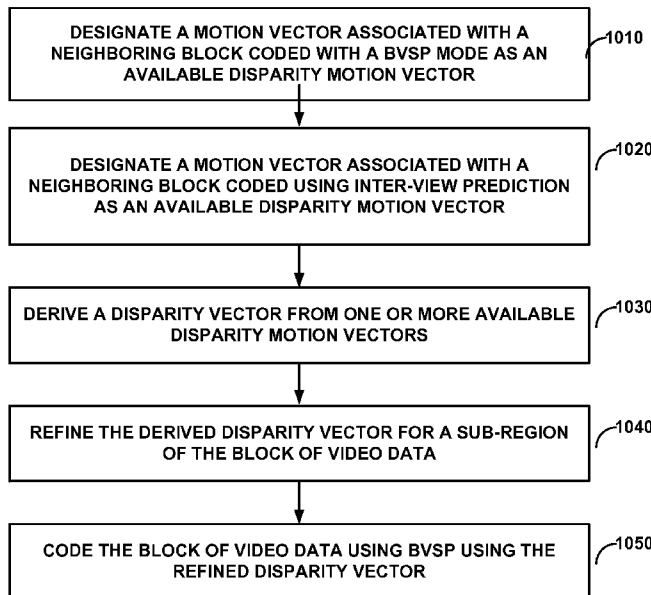
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(54) Title: NEIGHBORING BLOCK DISPARITY VECTOR DERIVATION IN 3D VIDEO CODING



(57) Abstract: In one example of the disclosure, a method of coding video data comprises coding video data using texture-first coding, and performing an NBDV derivation process for a block of the video data using a plurality of neighboring blocks. The NBDV derivation process comprises designating a motion vector associated with a neighboring block of the plurality of neighboring blocks coded with a block-based view synthesis prediction (BVSP) mode as an available disparity motion.

FIG. 10

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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)  
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 practicable, search terms used)  
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Y-L CHANG ET AL: "3D-CE5.h related: Depth-oriented Neighboring Block Disparity Vector (DoNBVD) with virtual depth", 2. JCT-3V MEETING; 102. MPEG MEETING; 13-10-2012 - 19-10-2012; SHANGHAI; (THE JOINT COLLABORATIVE TEAM ON 3D VIDEO CODING EXTENSION DEVELOPMENT OF ISO/IEC JTC1/SC29/WG11 AND ITU-T SG.16 ); URL: HTTP://PHENIX.INT-EVRY.FR/JCT2/, , no. JCT3V-B0090,	1-5, 8-17, 20-30
Y	9 October 2012 (2012-10-09), XP030130271, the whole document  -----  -/--	6,7,18, 19

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

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>TECH G ET AL: "3D-HEVC Test Model 2", 2. JCT-3V MEETING; 102. MPEG MEETING; 13-10-2012 - 19-10-2012; SHANGHAI; (THE JOINT COLLABORATIVE TEAM ON 3D VIDEO CODING EXTENSION DEVELOPMENT OF ISO/IEC JTC1/SC29/WG11 AND ITU-T SG.16 ); URL: HTTP://PHENIX.INT-EVRY.FR/JCT2/, no. JCT3V-B1005, 23 December 2012 (2012-12-23), XP030130414, page 8 - page 18</p>	6,7,18, 19
A	<p>ZHENG W ET AL: "DISPARITY ESTIMATION WITH HIERARCHICAL BLOCK CORRELATION FOR STEREOSCOPIC IMAGE CODING", SYSTEMS &amp; COMPUTERS IN JAPAN, WILEY, HOBOKEN, NJ, US, vol. 28, no. 6, 15 June 1997 (1997-06-15), pages 1-08, XP000723851, ISSN: 0882-1666, DOI: 10.1002/(SICI)1520-684X(19970615)28:6&lt;1::A ID-SCJ1&gt;3.0.CO;2-F the whole document</p>	1-30