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(54) Title: SINGLE LOOP DECODING OF MULTI-VIEW Coded VIDEO

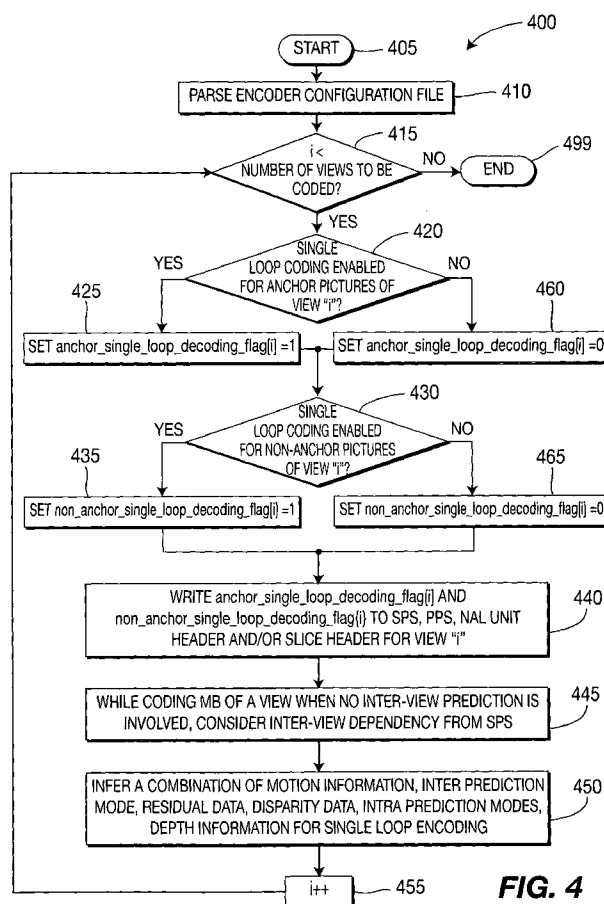


FIG. 4

(57) Abstract: There are provided methods and apparatus at an encoder and decoder for supporting single loop decoding of multi-view coded video. An apparatus includes an encoder (100) for encoding multi-view video content to enable single loop decoding of the multi-view video content when the multi-view video content is encoded using inter-view prediction. Similarly, a method (400) is also described for encoding multi-view video content to support single loop decoding of the multi-view video content when the multi-view video content is encoded using inter-view prediction. Corresponding decoder (200) apparatus and method (500) are also described.



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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL,
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B. FIELDS SEARCHED

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

EPO-Internal, IBM-TDB, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 2008/088175 A (LG ELECTRONICS INC [KR]; KOO HAN SUH [KR]; JEON BYEONG MOON [KR]; PARK) 24 July 2008 (2008-07-24) page 2, line 19 - page 3, line 22 page 12, line 6 - page 12, line 2; figure 3 page 14, line 16 - line 24 page 17, line 20 - page 23, line 7; figures 4-6 page 34, line 5 - page 35, line 9	1-18
P,X	WO 2008/047258 A (NOKIA CORP [FI]; NOKIA INC [US]; WANG YE-KUI [FI]; HANNUKSELA MISKA [F]) 24 April 2008 (2008-04-24) abstract paragraph [0033] - paragraph [0039] ----- -/--	1-18



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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.
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Y	SCHWARZ H ET AL: "Constrained Inter-Layer Prediction for Single-Loop Decoding in Spatial Scalability" IMAGE PROCESSING, 2005. ICIP 2005. IEEE INTERNATIONAL CONFERENCE ON GENOVA, ITALY 11-14 SEPT. 2005, PISCATAWAY, NJ, USA, IEEE, vol. 2, 11 September 2005 (2005-09-11), pages 870-873, XP010851192 ISBN: 978-0-7803-9134-5 abstract Section I. Sections III. and IV.	1-18
A	SCHWARZ H ET AL: "Proposal for a JSVM software manual" VIDEO STANDARDS AND DRAFTS, XX, XX, no. JVT-S070, 1 April 2006 (2006-04-01), XP030006449 Section 2.2.1, pages 11-12 Section 2.2.2.2, parameters "InterLayerPred" and "DecodeLoops", page 27	1-18
A	"Joint Multiview Video Model (JMVM) 4" VIDEO STANDARDS AND DRAFTS, XX, XX, no. N8967, 18 May 2007 (2007-05-18), XP030015461 the whole document	1-18
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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