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[CN/US]; 65 Warwick Road, West Windsor, New Jersey 08550 (US).

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(74) Agents: LAKS, Joseph, J. et al.; Thomson Licensing LLC, Two Independence Way, Suite #200, Princeton, NJ 08540 (US).

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(71) Applicant (for all designated States except US): THOMSON LICENSING [FR/FR]; 46, Quai A. Le Gallo, F-92100 Boulogne-billancourt (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PANDIT, Purvin, Bibhas [IN/US]; 23 Pear Tree Lane, Franklin Park, New Jersey 08823 (US). SU, Yeping [CN/US]; 5750 NW Pacific Rim Blvd., Camas, Washington 98607 (US). YIN, Peng

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(54) Title: METHODS AND APPARATUS FOR IMPROVED SIGNALING USING HIGH LEVEL SYNTAX FOR MULTI-VIEW VIDEO CODING AND DECODING

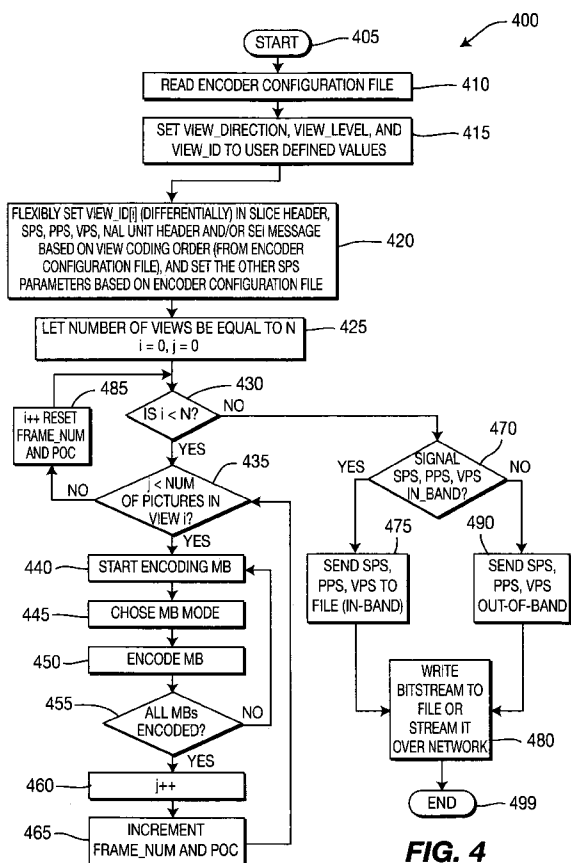


FIG. 4

(57) Abstract: There are provided methods and apparatus for improved signaling using high level syntax for multi-view video coding and decoding. An apparatus includes an encoder (100) for encoding at least one picture for at least one view corresponding to multi-view video content in a resultant bit-stream, wherein said encoder signals video coding order information for at least the at least one picture in a high level syntax.

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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 practical, search terms used)
EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SHIM W S ET AL: "High-level syntax for flexible I frame position JVT-U046" JOINT VIDEO TEAM (JVT) OF ISO/IEC MPEG & ITU-T VCEG (ISO/IEC JTC1/SC29/WG11 AND ITU-T SG16 Q.6), [Online] 24 October 2006 (2006-10-24), XP030006692 Hangzhou, China Retrieved from the Internet: URL: http://ftp3.itu.ch/av-arch/jvt-site/2006_10_Hangzhou/JVT-U046.zip [retrieved on 2008-06-19] figure 4 page 1, paragraph 1 page 3, paragraph 3.1 pages 4-6</p> <p align="center">----- -/--</p>	1-48

<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.	<input checked="" type="checkbox"/> See patent family annex.
<p>* Special categories of cited documents :</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document 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>	
Date of the actual completion of the international search 20 June 2008	Date of mailing of the international search report 10/09/2008
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Di Cagno, Gianluca

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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>VETRO A. ET AL.: "Joint Multiview Video Model (JMVM) 1.0" JOINT VIDEO TEAM (JVT) OF ISO/IEC MPEG & ITU-T VCEG, [Online] 16 August 2006 (2006-08-16), XP002485056 Klagenfurt, Austria Retrieved from the Internet: URL: http://ftp3.itu.ch/av-arch/jvt-site/2006_07_Klagenfurt/JVT-T208.ZIP [retrieved on 2008-06-19] pages 1-7 page 14 pages 21-23</p>	1-48
A	<p>LIFEN ZHAO ET AL: "The performance study of transmitting MPEG4 over SCTP" NEURAL NETWORKS AND SIGNAL PROCESSING, 2003. PROCEEDINGS OF THE 2003 INTERNATIONAL CONFERENCE ON NANJING, CHINA DEC. 14-17, 2003, PISCATAWAY, NJ, USA, IEEE, vol. 2, 14 December 2003 (2003-12-14), pages 1639-1642, XP010691835 ISBN: 978-0-7803-7702-8 page 1640, paragraph 2.1</p>	29, 30, 39, 40
A	<p>WO 2006/110007 A (IND ACADEMIC COOP [KR]; KOREAN BROADCASTING SYSTEM [KR]; SOHN KWANG-HO) 19 October 2006 (2006-10-19) page 32, lines 5-18</p>	1-48

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2006110007	A	NONE	19-10-2006