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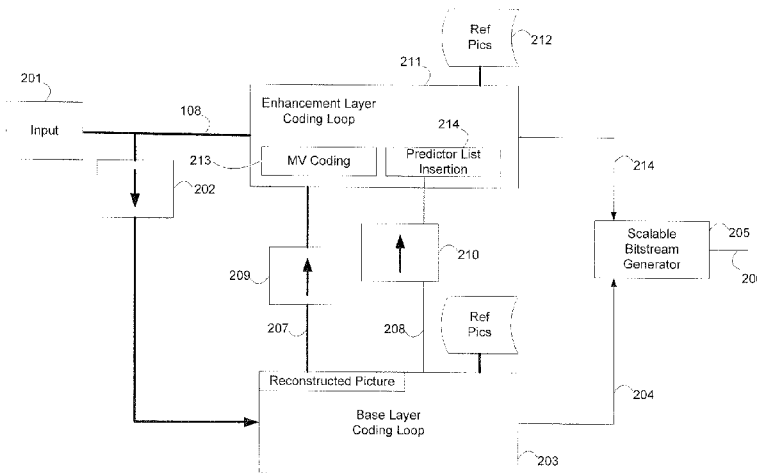
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FIG. 2



(57) Abstract: Disclosed are techniques for prediction of a to-be-reconstructed prediction unit of an enhancement layer using motion vector information of the base layer. A video encoder or decoder includes an enhancement layer coding loop with a predictor list insertion module. The predictor list insertion module can generate a list of motion vector predictors, or modify an existing list of motion vector predictors, such that the list includes at least one predictor that is derived from side information generated by a base layer coding loop, and has been upsampled.

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INTERNATIONAL SEARCH REPORT

International application No.

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<p>A. CLASSIFICATION OF SUBJECT MATTER                  IPC(8) - H04N 7/12 (2012.01)                  USPC - 375/240.16                  According to International Patent Classification (IPC) or to both national classification and IPC</p>		
<p>B. FIELDS SEARCHED</p>		
<p>Minimum documentation searched (classification system followed by classification symbols)                  IPC(8): H04N 7/12 (2012.01)                  USPC: 375/240.16</p>		
<p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched                  USPC: 375/240,240.01,240.12,240.16</p>		
<p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)                  PubWEST(PGPB,USPT,EPAB,JPAB): Google Scholar; encode, decode, enhancement, base, layer, list, motion vector, insertion, upscale, candidate, video</p>		
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X -- Y	US 2011/0038421 A1 (Schwarz et al.) 17 February 2011 (17.02.2011) entire document (especially para [0133],[0163], [0167]-[0170], [0172]-[0173], [0181]-[0183])	1-2, 7-8, and 19/(1, 2, 7, 8) ----- 3-6, 9-12, and 19/(3-6 and 9-12)
Y	US 2007/0286286 A1 (Heng et al.) 13 December 2007 (13.12.2007) para [0042]-[0043]	3-6, 9-18, and 19/(3-6 and 9-12)
Y	US 2005/0002458 A1 (Bruls et al.) 06 January 2005 (06.01.2005) para [0010], [0036], [0044]	13-18
A	US 2004/0252901 A1 (Klein et al.) 16 December 2004 (16.12.2004) entire document	1-19
A	US 2011/0012994 A1 (Park et al) 20 January 2011 (20.01.2011) entire document	1-19
<p><input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/></p>		
<p>* Special categories of cited documents:</p>		
"A"	document defining the general state of the art which is not considered to be of particular relevance	"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
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"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
<p>Date of the actual completion of the international search                  29 August 2012 (29.08.2012)</p>		<p>Date of mailing of the international search report  <b>14 SEP 2012</b></p>
<p>Name and mailing address of the ISA/US                  Mail Stop PCT, Attn: ISA/US, Commissioner for Patents                  P.O. Box 1450, Alexandria, Virginia 22313-1450                  Facsimile No. 571-273-3201</p>		<p>Authorized officer:                  Lee W. Young                  PCT Helpdesk: 571-272-4300                  PCT OSP: 571-272-7774</p>