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[Continued on next page]

(54) **Title:** REFERENCE PICTURE LIST HANDLING

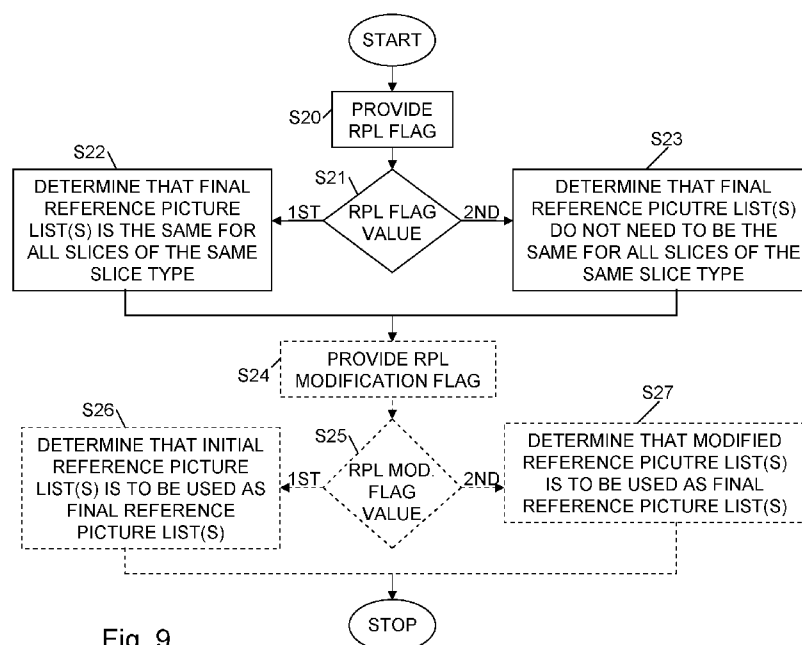


Fig. 9

(57) **Abstract:** At least one mode signaling syntax element is provided based on an encoded representation (4) of a picture (3) in a video sequence. The at least one mode signaling syntax element is employed to determine whether at least one final reference picture list is the same for all slices of a same slice type in the picture (3). The at least one mode signaling syntax element thereby signals to a decoder (100) that it does not necessarily have to repeat computationally complex reference picture list construction functions for each slice in the picture (3).



Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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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, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	SJÄBERG R ET AL: "AHG21: Reference picture list restrictions", 99. MPEG MEETING; 6-2-2012 - 10-2-2012; SAN JOSÉ CR ; (MOTION PICTURE EXPERT GROUP OR ISO/IEC JTC1/SC29/WG11),, no. m23288, 5 February 2012 (2012-02-05), XP030051813, the whole document ----- -/--	1-37



Further documents are listed in the continuation of Box C.



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"P" document published prior to the international filing date but later than the priority date claimed

"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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"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

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International application No

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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.
X	FLYNN D ET AL: "JCT-VC AHG report: Reference picture buffering and list construction (AHG21)", 7. JCT-VC MEETING; 98. MPEG MEETING; 21-11-2011 - 30-11-2011; GENEVA; (JOINT COLLABORATIVE TEAM ON VIDEO CODING OF ISO/IEC JTC1/SC29/WG11 AND ITU-T SG.16); URL: HTTP://WFTP3.ITU.INT/AV-ARCH/JCTVC-SITE/,, no. JCTVC-G021, 21 November 2011 (2011-11-21), XP030110020,	1-4,6, 12-15, 17, 23-25, 31,37
A	Chapters 2 and 4.	5,7-11, 16, 18-22, 26-30, 32-36
A	----- SJÖBERG R ET AL: "Absolute signaling of reference pictures", 6. JCT-VC MEETING; 97. MPEG MEETING; 14-7-2011 - 22-7-2011; TORINO; (JOINT COLLABORATIVE TEAM ON VIDEO CODING OF ISO/IEC JTC1/SC29/WG11 AND ITU-T SG.16); URL: HTTP://WFTP3.ITU.INT/AV-ARCH/JCTVC-SITE/,, no. JCTVC-F493, 22 July 2011 (2011-07-22), XP030009516, abstract	1-37
A	----- BOYCE J ET AL: "BoG report on Reference picture buffering and list construction", 7. JCT-VC MEETING; 98. MPEG MEETING; 21-11-2011 - 30-11-2011; GENEVA; (JOINT COLLABORATIVE TEAM ON VIDEO CODING OF ISO/IEC JTC1/SC29/WG11 AND ITU-T SG.16); URL: HTTP://WFTP3.ITU.INT/AV-ARCH/JCTVC-SITE/,, no. JCTVC-G1002, 23 November 2011 (2011-11-23), XP030110986, Chapter 2.1.2. -----	1-37