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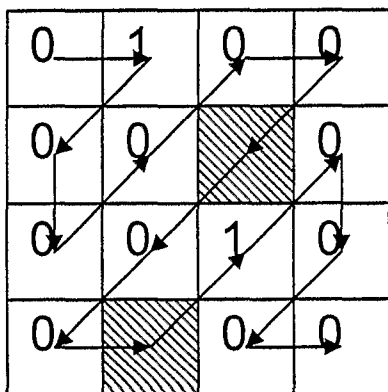
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPARATUS FOR ENTROPY CODING IN FINE GRANULARITY SCALABLE VIDEO CODING



(57) Abstract: A FGS entropy coding method is suitable for the case when the refinement coefficients at the FGS layer have different prediction from its base layer. When temporal prediction is used in FGS layer coding and the refinement coefficients at the FGS layer have different prediction from its base layer, drift problem may be caused if the FGS layer is partially decoded. Such drift problem may significantly affect coding performance. This new FGS entropy coding method that can solve or greatly alleviate such drift effect and therefore improve coding performance. Three different FGS methods can be used: FGS entropy coding based on spatial frequency location; FGS entropy coding for decoder oriented two-loop structure; and FGS entropy coding with block-confined coding pass.

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: see extra sheet

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

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

EPO-INTERNAL, WPI DATA, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6567081 B1 (LI ET AL), 20 May 2003 (20.05.2003), the whole document --	1-20
A	US 20040264567 A1 (XU ET AL), 30 December 2004 (30.12.2004), paragraph [0008],[0097] --	1-20
A	US 6778709 B1 (TAUBMAN), 17 November 2004 (17.11.2004), paragraph [0151], claims 4-6, abstract --	1-20
A	US 6269192 B1 (SODAGAR ET AL), 31 July 2001 (31.07.2001), the whole document -- -----	1-20

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Cited literature, if any, will be enclosed in paper form.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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