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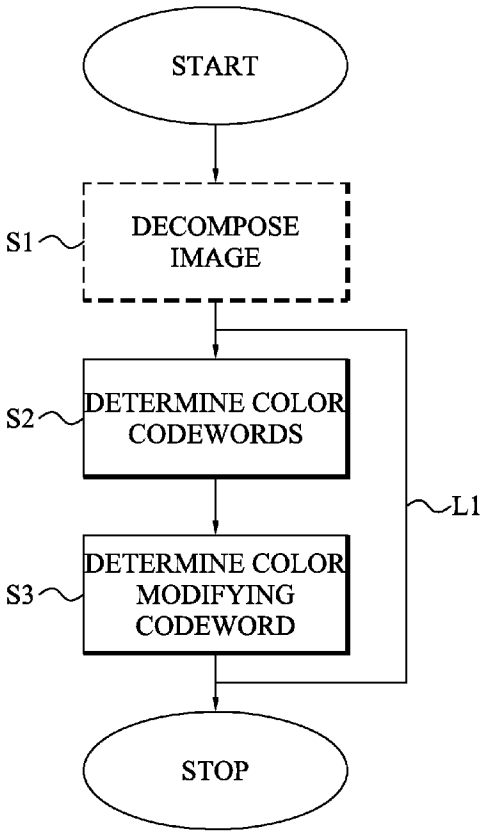
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[Continued on next page]

(54) Title: HIGH QUALITY IMAGE PROCESSING



(57) Abstract: In a high quality image-encoding scheme an input image is decomposed into several image blocks comprising multiple image elements. The image blocks are encoded into encoded block representations. Such a block representation comprises two color codewords, a color modifying codeword and optionally a sequence of color indices and color modifier indices. The color codewords define multiple discrete color representations along a line in color space. The color modifying codeword represents a set of multiple color modifiers for modifying the multiple color representations along at least one extension vector to obtain, for each color representation, a set of multiple color points. These color points of the multiple sets are located on a surface defined by the multiple color representations and the at least one extension vector. The colors of the image elements in the block are then approximated by these color points on the surface.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE2007/050127

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: G06T

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	PETTERSON ET AL; Texture Compression: "THUMB - Two Hues Using Modified Brightness"; XP002396817; 2005-11-23; Retrieved on 2007-10-23 from Internet: http://graphics.cs.lth.se/sigrad05/data/sigrad05_proceedings.pdf, whole document --	1-37
X	WO 2006006915 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 19 January 2006 (19.01.2006), paragraphs [0029],[0255]-[0259],[0276]-[0278], claims 1-44, abstract --	1-37
A	US 20040218812 A1 (DOUGLASS, J), 4 November 2004 (04.11.2004), claims 1-46, abstract --	1-37

[X] Further documents are listed in the continuation of Box C. [X] See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
26 October 2007	30-10-2007
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Jesper Bergstrand/ABW Telephone No. +46 8 782 25 00

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5956431 A (IOURCHA, K ET AL), 21 Sept 1999 (21.09.1999), column 3, line 6 - line 28, claims 1-22, abstract	1-37
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A	EP 1118963 A1 (EASTMAN KODAK COMPANY), 25 July 2001 (25.07.2001), whole document	1-37
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P,X	WO 2007021227 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 22 February 2007 (22.02.2007), whole document	1-37
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G06T 9/00 (2006.01)

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