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Stockholm (SE). RUSERT, Thomas [DE/SE]; Ärvingevägen 3, S-164 46 Kista (SE).

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(74) Agent: EGRELIUS, Fredrik; Ericsson AB, Patent Unit Kista Device, Service & Media, S-164 80 Stockholm (SE).

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(71) Applicant (for all designated States except US): TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; Torshamnsgatan 21-23, S-164 83 Stockholm (SE).

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(72) Inventors; and  
(75) Inventors/Applicants (for US only): GIRDZIJAUSKAS, Ivana [RS/SE]; Armégatan 29, lgh 1604, S-171 71 Solna (SE). FRÖJDH, Per [SE/SE]; Dalagatan 86D, S-113 43

[Continued on next page]

(54) Title: AUXILIARY INFORMATION MAP UPSAMPLING

(57) Abstract: An auxiliary information map (10) is upsampled to form an upsampled auxiliary information map (20). Multiple reference pixels (23) in the upsampled auxiliary information map (20) are selected for a current pixel (21) in the upsampled auxiliary information map (20) based on texel values of texels in an associated texture (30). An updated pixel value is calculated for the current pixel (21) based on the pixel values of the selected reference pixels (23).

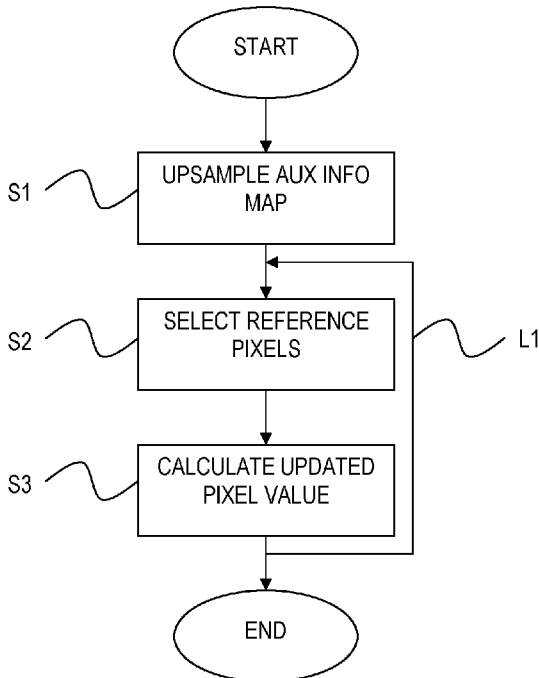


Fig. 8

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MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *of inventorship (Rule 4.17(iv))*

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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE2012/050746

## 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, 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, PAJ, WPI data, COMPENDEX, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2010087751 A1 (ERICSSON TELEFON AB L M ET AL), 5 August 2010 (2010-08-05); abstract; page 2, line 19 - line 27; page 7, line 6 - line 35; page 10, line 15 - page 11, line 17; figure 13; claim 1 --	1-2, 6-9, 12-15, 19-22
Y	Vladan Velisavljevic; Gene Cheung; Jacob Chakareski, 'Bit allocation for multiview image compression using cubic synthesized view distortion model', Multimedia and Expo (ICME), 2011 IEEE International Conference on, 2011-07-11, IEEE, ISBN 978-1-61284-348-3 ; ISBN 1-61284-348-4; abstract; See specially sections 1 and 2.2 --	1-2, 6-9, 12-15, 19-22



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

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

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"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

"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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Patent- och registreringsverket  
Box 5055  
S-102 42 STOCKHOLM  
Facsimile No. + 46 8 666 02 86

Authorized officer

Heidi Wiik Edlund

Telephone No. + 46 8 782 25 00

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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	WO 2011046607 A2 (THOMSON LICENSING ET AL), 21 April 2011 (2011-04-21); whole document; page 3, line 1 - page 3, line 11; figures 5, 34,37,38 --	1-24
A	US 20100141651 A1 (TAN KAR-HAN), 10 June 2010 (2010-06-10); abstract; paragraphs [0012], [0043], [0075]; figure 9 --	1-24
A	EP 0735512 A2 (SANYO ELECTRIC CO), 2 October 1996 (1996-10-02); figure 5; claim 4 --	1-24
A	WO 2010013171 A1 (KONINKL PHILIPS ELECTRONICS NV ET AL), 4 February 2010 (2010-02-04); abstract; figure 2 --	1-24
A	Hu W; Cheung G; Li X; Au O, 'Depth map super-resolution using synthesized view matching for depth-image-based rendering', 2012 IEEE International Conference on Multimedia and Expo Workshops, ICMEW 2012, 2012-07-09 to 2012-07-13, Melbourne, VIC, Conference Proceeding, Conference Paper IRN, ISBN 978-0-7695-4729-9, 12935944; whole document --	1-24
E	WO 2013006115 A2 (ERICSSON TELEFON AB L M ET AL), 10 January 2013 (2013-01-10); abstract; page 1, line 6 - page 6, line 7 -- -----	1-24

**Continuation of:** second sheet  
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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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