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(54) Title: METHOD, APPARATUS, SYSTEM, AND MODULE FOR UP-CONVERSION OF VIDEO IMAGE DATA

(57) Abstract: The present invention is related to up-converting of image data, especially, of consecutive fields/frames of a motion picture, wherein the up-converting is performed by use of a motion compensated image data provided as a result of a motion compensation, and wherein the up-converting comprises blurring of the motion compensated image data.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G06T 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 practical, 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	OLUKAYODE ANTHONY OJO ET AL: "ROBUST MOTION-COMPENSATED VIDEO UPCONVERSION" 19971101, vol. 43, no. 4, 1 November 1997 (1997-11-01), pages 1045-1056, XP011008517 page 1050, left-hand column, last paragraph - right-hand column, paragraph 2 page 1052, right-hand column, last paragraph - page 1053, left-hand column, paragraph 1 ----- -/--	1-35

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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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	GERARD DE HAAN: "IC FOR MOTION-COMPENSATED DE-INTERLACING, NOISE REDUCTION, AND PICTURE-RATE CONVERSION" IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, IEEE SERVICE CENTER, NEW YORK, NY, US, vol. 45, no. 3, 1 August 1999 (1999-08-01), pages 617-624, XP011083780 ISSN: 0098-3063 2.3 Motion-compensated up-conversion 2.4 Motion-compensated noise reduction -----	1, 14, 27, 28, 33, 35
A	CHEN HA-FEG ET AL: "Smooth frame insertion method for motion-blur reduction in LCDs" EURODISPLAY, XX, XX, 1 January 2005 (2005-01-01), pages 359-361, XP009087929 3. Smooth frame insertion (SFI) -----	1-35