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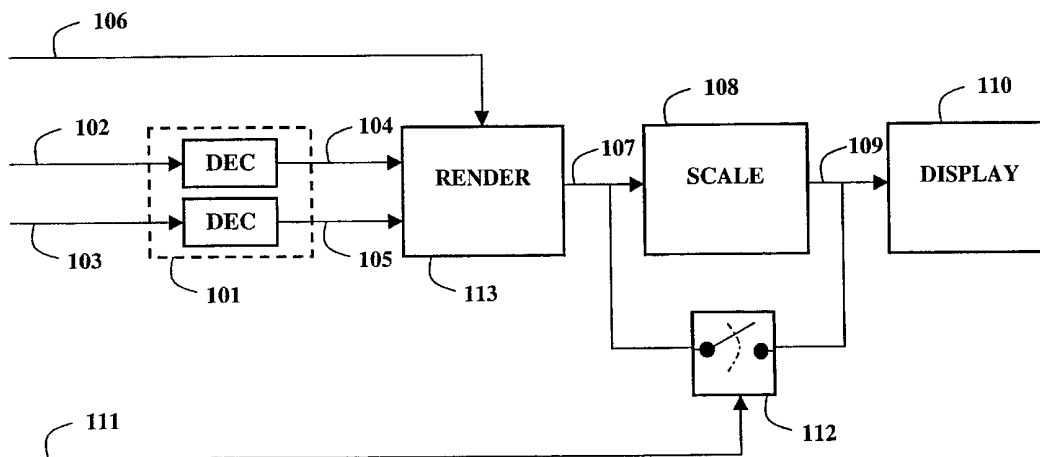
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(54) Title: METHOD AND DEVICE FOR VIDEO SCENE COMPOSITION



(57) **Abstract:** The invention relates to a cost-effective and optimized method of composing a scene content from digital video data streams containing video objects, said method comprising a decoding step for generating decoded object frames from said digital video data streams, and a rendering step for composing intermediate-composed frames in a composition buffer from said decoded object frames. The method of scene composition according to the invention comprises a scaling step applied to said intermediate-composed frames for generating output frames constituting scene content. Indeed, by performing a scaling step on intermediate-composed frames of the final scene, enlarged frames are obtained in a single processing step, which considerably reduces the computational load. The use of a signal co-processor for the scaling step provides a possibility of anticipating simultaneously the decoding of objects, performed by a signal processor, used in the composition of the future intermediate-composed frame. Use : Video scene compositor



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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)
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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, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 977 995 A (YASSAIE HOSSEIN) 2 November 1999 (1999-11-02) column 2, line 58 - line 63 column 3, line 1 - line 5 column 3, line 66 -column 4, line 20 column 5, line 18 - line 49 figures 1,3	1-10
Y	WO 00 01154 A (GEN INSTRUMENT CORP ;RAJAN GANESH (US)) 6 January 2000 (2000-01-06) abstract page 5, line 10 - line 25 page 7, line 24 -page 8, line 3 page 20, line 3 - line 6	1-10
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X A	<p>EP 0 667 717 A (TOKYO SHIBAURA ELECTRIC CO) 16 August 1995 (1995-08-16) column 2, line 40 -column 3, line 14 figure 1</p>	<p>1,5,9,10 2-4,6-8</p>
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