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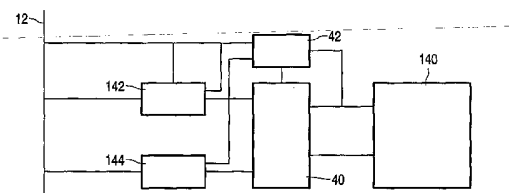
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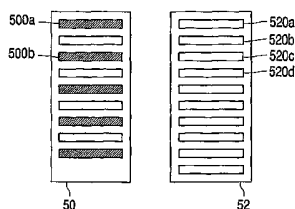
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SELECTABLE PROCESSION / DECOMPRESSION FOR DATA STORED IN MEMORY



A



B

(57) Abstract: Data, such as an image, is made up of data-items (pixels) that are each associated with a respective data address. Compressed blocks representing the data are stored in a memory system. Each block representing compressed data-items associated with data addresses in a respective sub-range of addresses of the data. Each block starts from a respective preferred starting address for multi address transfer. The sub-range of addresses of each block has a length corresponding to an address distance between the preferred starting address, leaving memory addresses not occupied by the particular block in between blocks due to compression. A decompressor is coupled between a processing element and the memory system. The decompressor starts a multi address memory transfer of a required one of the blocks from the memory system dynamically when the processing element requires access to the block, leaving memory addresses directly following the block up to a preferred starting address for a next one of the blocks untransferred in the transfer. The transferred data is decompressed and passed to the processor.

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## INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED		
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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, 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	US 6 175 896 B1 (BUI TUAN H) 16 January 2001 (2001-01-16) abstract figures 2,3 column 1, line 27 - column 2, line 41 column 3, line 45 - column 4, line 44 column 5, line 25 - column 6, line 40 -----	1-22
A	US 6 263 413 B1 (MOTOMURA MASATO ET AL) 17 July 2001 (2001-07-17) figure 2 column 4, line 6 - line 43 -----	1-22
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *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 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *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. *&* document member of the same patent family		
Date of the actual completion of the international search  22 November 2005		Date of mailing of the international search report  29/11/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  Jardon, S

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