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(71) Applicant: PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) Applicant *(for SE only)*: PHILIPS NORDEN AB [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).

(72) Inventor: HOEG, Joseph, E.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

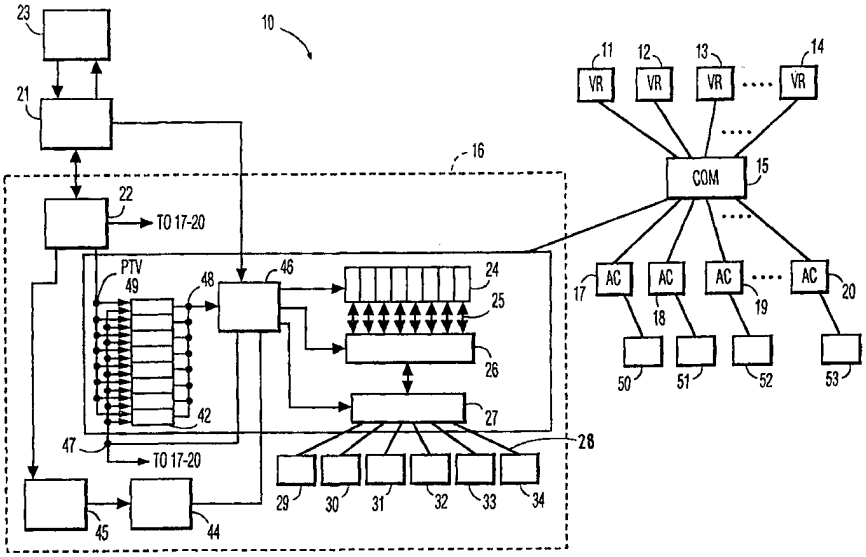
(74) Agent: GROENENDAAL, Antonius W., M.; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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(54) Title: BANDWIDTH REGULATION SYSTEM FOR MULTICHANNEL MEMORY ARRAYS



(57) Abstract

A multichannel information system includes a plurality of input/output devices coupled to a plurality of array controllers through a rotating commutator. Each array controller is coupled to and controls a plurality of disk groups operating as memory arrays. Each input/output device communicates data to and from the array controllers in a plurality of data channels. A bandwidth regulation system is operative within each array controller to authorize channel bandwidths for each application run in the system and to prevent transitory bandwidth demands within any channel from interfering with previously authorized channel bandwidths.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB 97/00872

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: G06F 3/06, H04N 7/173
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)

IPC6: G06F, 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)

CLAIMS, WPI, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 7295912 A (MATSUSHITA ELECTRIC IND CO LTD), 10 November 1995 (10.11.95), abstract	1,7
A		2-6,8-16
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[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
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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 Bo Gustavsson 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	EP 0617563 A1 (INTERNATIONAL BUSINESS MACHINES CORPORATION), 28 Sept 1994 (28.09.94), column 2, line 26 - column 4, line 17 --	1,7,11
A	EP 0696872 A2 (INTERNATIONAL BUSINESS MACHINES CORPORATION), 14 February 1996 (14.02.96), column 6, line 3 - column 8, line 24 --	1,7,11

INTERNATIONAL SEARCH REPORT

Information on patent family members

03/02/98

International application No.
PCT/IB 97/00872

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