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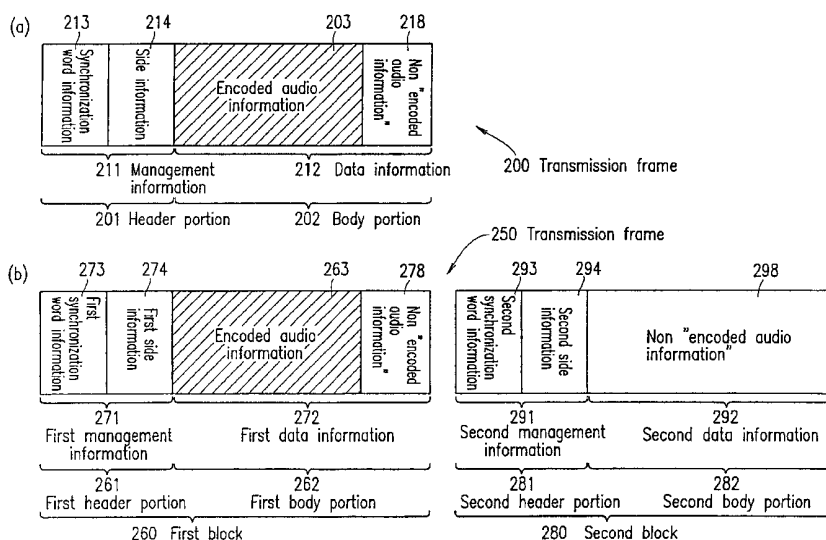
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2000-255064 25 August 2000 (25.08.2000) JP(71) Applicant: **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).(72) Inventors: **SUEYOSHI, Masahiro**; 1-32-11, Kitayama, Hirakata-shi, Osaka 573-0171 (JP). **FUJITA, Takeshi**; 15-101-302, Kamihamuro 3-chome, Takatsuki-shi, Osaka 569-1044 (JP). **ABE, Kazutaka**; Room A301, Higashitoyonakaso, 23, Higashitoyonakamachi 3-chome, Toyonaka-shi, Osaka 560-0003 (JP). **NISHIO, Kosuke**; Room 339, Shonanryo, 16-22, Kikusuidori 1-chome,Moriguchi-shi, Osaka 570-0032 (JP). **KATAYAMA, Takashi**; 21-6, Nasuzukuri 3-chome, Hirakata-shi, Osaka 573-0071 (JP). **MATSUMOTO, Masaharu**; 5-5-3-403, Hoshidanishi, Katano-shi, Osaka 576-0015 (JP). **KAWAMURA, Akihisa**; 1-18-21-504, Higashinakaburi, Hirakata-shi, Osaka 573-0093 (JP).(74) Agent: **YAMAMOTO, Shusaku**; Fifteenth Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).(81) Designated States (*national*): BR, CA, CN, ID, IN, KR.(84) Designated States (*regional*): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).**Published:**

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(54) Title: TRANSCODER FOR SAMPLING FREQUENCY CONVERSION AND SYNCHRONIZATION OF AUDIO SIGNALS

(57) Abstract: A signal transmission apparatus is provided for transmitting a plurality of pieces of encoded audio information encoded by the same encoding method via a digital interface to a signal reception apparatus, in which each of the plurality of pieces of encoded audio information has a sampling frequency of F or $1/2 \times F$. The apparatus comprises a data generating section for, based on one-frame data obtained by dividing the encoded audio information into frames, generating at least one block, and a data output section for outputting the at least one block generated by the data generating section to the digital interface. Each of the at least one block includes a body portion, and a header portion storing management information for managing data stored in the body portion.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G10L19/14 H04J3/07

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, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 668 697 A (MATSUSHITA ELECTRIC IND CO LTD) 23 August 1995 (1995-08-23) column 11, line 39 - line 55	1-3, 5-8, 10
Y	idem --- -/--	4, 9

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

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

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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.
Y	INTERNATIONAL STANDARDS ORGANIZATION: "Final text for DIS 11172-3 (rev. 2): Information Technology - Coding of Moving Pictures and Associated Audio for Digital Storage Media - Part 1 - Coding at up to about 1.5 Mbit/s (ISO/IEC JTC 1/SC 29/WG 11 N 0156) 'MPEG 92! - Section 3: Audio" CODED REPRESENTATION OF AUDIO, PICTURE MULTIMEDIA AND HYPERMEDIA INFORMATION (TENTATIVE TITLE). APRIL 20, 1992. ISO/IEC JTC 1/SC 29 N 147. FINAL TEXT FOR DIS 11172-1 (REV. 2): INFORMATION TECHNOLOGY - CODING OF MOVING PICTURES AND ASSOCIATED AUDIO FO, 1992, pages III-V, 174-337, XP002083108 page 189, paragraphs 2.4.1.2, 2.4.1.3, 2.4.2.3 ---	4, 9
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