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(54) Title: METHOD AND APPARATUS FOR TRANSFERRING DIGITAL DATA BETWEEN CIRCUITS

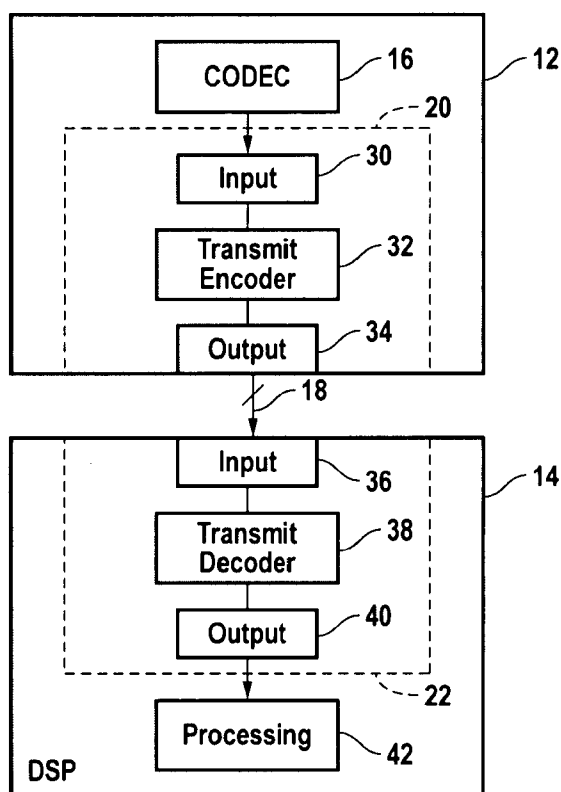


FIG. 4

(57) Abstract: A method and apparatus transfer digital data between a coder/decoder circuit and a signal processor. The transfer of the digital data includes (a) obtaining, at a first circuit, a block of data values having certain statistical characteristics, the first circuit being one of the coder/decoder circuit and the signal processor, (b) generating, at the first circuit, a data stream by encoding the block of data values based on the statistical characteristics thereof, (c) transferring the data stream to a second circuit via a data bus connecting the first circuit and the second circuit, the second circuit being the other of the coder/decoder circuit and the signal processor, and (d) reconstructing, at the second circuit, the block of data values by decoding the data stream received from the first circuit.



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USPC: 382/232,233,240

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)

U.S. : 382/232, 233, 240

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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- A	US 6,483,944 B1 (SUGAHARA et al.) 19 November 2002 (19.11.2002), entire of document	1-4, 14-16 and 23 ----- 5-13, 17-22 and 24-26



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