

DIGITAL BROADCAST RECEIVING SYSTEM IN INFORMATION PROCESSOR

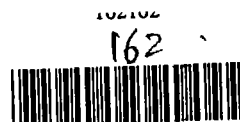
ABSTRACT

A digital satellite broadcast receiving system is proposed in which the necessary packets of an MPEG2-based transport stream can be transferred to the system memory (8) of a computer (18) to facilitate processing of packets by a CPU (13). The system has means (4) for filtering packets, by packet ID, from an MPEG2-based transport stream, which is output by a digital satellite broadcast tuner (2), to facilitate section formation from packets of the MPEG2-based transport stream by a CPU (13) of a computer (18), filtering being performed after the transport stream is descrambled if the broadcast is a subscription broadcast; a buffer memory (34) for storing the filtered data, which has been output by the filter means (33), until the data can be accessed by a host bus (14); and DMA control means (35) for transferring, by direct memory access, content of the buffer memory (34) to the system memory of the computer (18) via the host bus(14).

Fig 1



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