

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