TWO-WAY INFORMATION TRANSMISSION SYSTEM, TWO-WAY INFORMATION TRANSMISSION METHOD, AND SUBSCRIBER TERMINAL DEVICE

ABSTRACT

A subscriber terminal ms sends the demand including at least information for identifying the demand subscriber terminal, information for identifying the requested information, and information relating to the urgency of the requested information to the information distribution transmission center HE through the going-up line. The information distribution transmission center HE plans a transmission schedule of the information to be transmitted based on the demand from the subscriber terminal ms, and transmits the transmission schedule information included in the going-down control data to the subscriber terminal which sent the demand prior to the actual transmission, and transmits the requested information according to the above-mentioned transmission schedule. The subscriber terminal ms receives and analyzes the going-down control data from the information distribution transmission center HE and is informed of the transmission schedule, and acquires the information to be transmitted based on the obtained transmission plan, stored it in a large scale memory means, and reads the information from the memory means for use. A video on-demand system can be realized without introducing a large scale system such as video server and with a relatively small investment, and the centralization of traffic is mitigated, and the network resource is used efficiently.

Figure 3