

RETRANSMITTING APPARATUS FOR TERRESTRIAL DIGITAL BROADCASTING SIGNAL

ABSTRACT

Even when the transfer signal parameters are different among channels, a retransmitting apparatus for a terrestrial digital broadcasting signal is provided, which can absorb the difference, and can stably retransmit without degrading the receiving characteristics.

In a retransmitting apparatus 1 for the terrestrial digital broadcasting signal, a receiving unit 200 receives OFDM signals of the terrestrial digital television broadcastings which are assigned to a plurality of channels, and selects a segment, whose segment number is 0, from each of OFDM signals to generate TS signals. A TS multiplexing-transferring unit 300-1 multiplexes each TS signal to one multiplexed stream signal, and a TS multiplexing-transferring unit 300-2 separates the multiplexed stream to the original TS signals. A transmitting unit 400 combines the separated TS signals of each segment again depending on a unified transfer signal parameter, and transmits the combined signals as a signal to be retransmitted with a frequency band of an unused channel.

Figure 1