

ABSTRACT

[Problem] To suppress the occurrence of a delay in an operation required on the reception side while realizing redundancy of a communication system.

[Means to Solve Problem] Provided is a communication system 100 comprising a transmission-side processing device 110 and a reception-side processing device 120, the transmission-side processing device 110 and the reception-side processing device 120 communicating using a first communication line 1A and a second communication line 1B, wherein transmission-side processing device 110 concurrently transmits the same telegraphic messages via each of the plurality of communication lines, the first communication line 1A and the second communication line 1B, and wherein the reception-side processing device 120 is capable of concurrently receiving telegraphic messages via each of the plurality of communication lines, the first communication line 1A and the second communication line 1B, and in a case where a same telegraphic message as a previously received telegraphic message is received later, the reception-side processing device 120 invalidates said same telegraphic message while processing the previously received telegraphic message.