

ABSTRACT

COMMUNICATION CONTROL DEVICE

A vehicular communication control device includes: a short range communication processor (F3) executing a direct vehicle-to-vehicle communication; a wide area communication processor (F4) executing an indirect vehicle-to-vehicle communication; a vehicle data generator (F2); and a communication quality determination unit (F7) determining a communication quality of the direct vehicle-to-vehicle communication. The short range communication processor wirelessly transmits a communication packet including vehicle data in a predetermined short range transmission cycle. The wide area communication processor transmits the communication packet including the vehicle data to the peripheral vehicle in a predetermined wide range transmission cycle. The wide area communication processor: selects a predetermined first wide area transmission cycle longer than the short range transmission cycle when the communication quality is equal to or higher than the permissible level; and selects a predetermined second wide area transmission cycle equal to or smaller than the short range transmission cycle when the communication quality is lower than the permissible level.

FIG. 2