

ABSTRACT

COMMUNICATION CONTROL DEVICE

A vehicular communication control device includes: a dedicated 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; and a vehicle data generator (F2). The dedicated short range communication processor wirelessly transmits a communication packet including vehicle data in a predetermined dedicated short range transmission cycle. The wide area communication processor transmits the communication packet including the vehicle data to a peripheral vehicle in a predetermined wide range transmission cycle. The communication control device further includes: a peripheral vehicle determination unit (F6) determining whether another vehicle is disposed within a predetermined area. The wide area communication processor: selects a predetermined first wide area transmission cycle longer than the dedicated short range transmission cycle when no other vehicle is disposed within the predetermined area; and selects a predetermined second wide area transmission cycle equal to or shorter than the dedicated short range transmission cycle when the other vehicle is disposed within the predetermined area.

FIG. 2