

ABSTRACT

VEHICLE ONBOARD COMMUNICATION TERMINAL AND MOBILE COMMUNICATION SYSTEM

5 A vehicle onboard communication terminal (1) is used in a mobile communication system (100, 100A) that executes vehicle-to-vehicle communication and road-to-vehicle communication by using a carrier wave of the identical carrier frequency and adopts a carrier sense multiple access/collision avoidance method as an access method, and includes a reception processing portion (F4), a transmission processing portion (F3), a
10 transmission control portion (F2), and a determination portion (F6). The mobile communication system (100, 100A) includes vehicle onboard communication terminals (1) and a roadside device (2), executes vehicle-to-vehicle communication and road-to-vehicle communication by using a carrier wave of the identical carrier frequency and has the carrier
15 sense multiple access/collision avoidance method adopted therefor. The roadside device (2) includes a roadside device transmission processing portion (G3) and a roadside device control portion (G2). The vehicle onboard communication terminal includes the reception processing portion (F4), the transmission processing portion (F3), the transmission control
20 portion (F2), and the determination portion (F6).

FIG. 1