

ABSTRACT

MOBILE COMMUNICATION SYSTEM AND ONBOARD TERMINAL

5 A mobile communication system is provided. A roadside unit (2) distributes a WSA including target vehicle information indicating an area targeted for service provision (service provision area) by using a control channel. Upon an onboard unit (1) receipt of WSA, a service target determiner (F5) determines, based on a positional relationship between a current position of the onboard unit (1) and the service provision area indicated by the target vehicle information, whether or not the onboard unit (1) is targeted for service
10 provision of a distribution source. When the service target determiner (F5) determines that the onboard unit (1) is not targeted for the service, the onboard unit (1) does not initiate communication with the distribution source using the service channel.

FIG. 5