

PERSONAL HANDY PHONE SYSTEM

ABSTRACT

In a personal handy phone system, a private PHS base station (12) is communicable with both a private PHS terminal and a public PHS terminal (14). The private PHS base station (12) intermittently transmits and receives a first control signal having a first frequency in a predetermined cycle and at a predetermined interval to communicate with the private PHS terminal (19, 20). The private PHS base station (12) intermittently transmits and receives a second control signal having a second frequency different from the first frequency in the predetermined cycle and at the predetermined interval to communicate with the public PHS terminal (14) when the first control signal is neither transmitted nor received.

Fig. 1