

WACS-TYPE MOBILE COMMUNICATION WITH A UNIFIED FRAME FORMAT

ABSTRACT

A mobile communication system of the WACS type is disclosed in which frame formats are unified for DSL, HDSL, and DS1 channels. In addition, each novel base station (25) comprises a radio frame number processor (87) for adding, to upward encrypted information data directed from mobile stations (27) towards a base control station (21), a radio frame number (RFN) which is used in downward encrypted information data transmitted from the base control station (25) to one or more of the mobile stations (27) and may not necessarily be used in each mobile station (27) on issuing the upward encrypted data.

Fig. 9.