Title (en)
APPARATUS AND METHOD FOR DESIGNATING FRAME OFFSET OF SUPPLEMENTAL CHANNEL IN A CDMA COMMUNICATION SYSTEM

Title (de)
GERÄT UND VERFAHREN ZUR BESTIMMUNG DER RAHMEN ZEITVERSCHIEBUNG EINES ZUSATSKANALS IN EINEM CDMA KOMMUNIKATIONSSYSTEM

Title (fr)
APPAREIL ET PROCEDE PERMETTANT DE DESIGNER UN DECALAGE DE TRAME POUR VOIE SUPPLEMENTAIRE DANS UN SYSTEME DE COMMUNICATION AMRC

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Application
EP 01900285 A 20010103

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Abstract (en)
[origin: WO0150638A1] An apparatus for receiving data transmitted over fundamental channels having a predetermined frame offset for a plurality of mobile stations and supplemental channels assigned in association with the fundamental channels. In the apparatus, a timing generator receives a frame offset of the fundamental channel, a frame offset of the supplemental channel and a system time, outputs the system time delayed by the frame offset of the fundamental channel as a fundamental channel boundary signal, and outputs the system time delayed by the frame offset of the supplemental channel as a supplemental channel boundary signal. A first symbol combiner combines multi-path symbols transmitted over the fundamental channel. A second symbol combiner combines multi-path symbols transmitted over the supplemental channel. A first deinterleaver receives the symbols and the fundamental channel boundary signal from the first symbol combiner, and deinterleaves the symbols from the first symbol combiner in a frame unit determined by the fundamental channel boundary signal. A second deinterleaver receives the symbols and the supplemental channel boundary signal from the second symbol combiner, and deinterleaves the symbols from the second symbol combiner in a frame unit determined by the supplemental channel boundary signal.

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