Title (en)

APPARATUS AND METHOD FOR GENERATING SYNC WORD AND TRANSMITTING AND RECEIVING THE SYNC WORD IN W-CDMA COMMUNICATION SYSTEM

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ERZEUGUNG EINES SYNC-WORTES UND SENDEN UND EMPFANGEN DIESES SYNC-WORTES IN EINEM W-CDMA NACHRICHTEN ÜBERTRAGUNGSSYSTEM

Title (fr)

APPAREIL ET PROCEDE POUR GENERER DES MARQUEURS, LES EMETTRE ET EN RECEVOIR DANS UN SYSTEME DE COMMUNICATIONS W-CDMA

Publication

EP 1101312 A4 20050622 (EN)

Application

EP 00935677 A 20000529

Priority

- KR 0000553 W 20000529
- KR 19990019644 A 19990529

Abstract (en)

[origin: WO0074290A1] There is provided a method of synchronizing received sync frames to reference sync frames. Each of the received sync frames and the reference sync frames has a sync word and is divided into a predetermined number of slots and each slot is divided into a plurality of bits. In the method, a frame sync word is provided to have a first correlation when the reference sync frames are synchronized with the received sync frames and a second correlation different from the first correlation when the received sync word is shifted version of the reference sync word by one of the two specific numbers of slots, for example, such as (5) or (10).

IPC 1-7

H04J 13/00; H04B 7/26; H04B 1/707

IPC 8 full level

H04B 1/707 (2006.01); **H04B 1/7075** (2011.01); **H04B 7/26** (2006.01); **H04L 7/00** (2006.01); H04L 7/04 (2006.01)

CPC (source: EP KR)

H04B 1/7075 (2013.01 - EP); **H04B 7/2681** (2013.01 - EP); **H04J 13/10** (2013.01 - KR); **H04W 56/0085** (2013.01 - EP); H04L 7/04 (2013.01 - EP); H04L 7/041 (2013.01 - EP)

Citation (search report)

- [X] EP 0852430 A2 19980708 - YOZAN INC [JP]
- [A] WO 9912273 A1 19990311 - ERICSSON TELEFON AB L M [SE]
- [A] US 5793757 A 19980811 - UDDENFELDT JAN [SE]
- [A] US 5373502 A 19941213 - TURBAN KARL-ALBERT [DE]
- See references of WO 0074290A1

Designated contracting state (EPC)

DE FI FR GB IT SE

DOCDB simple family (publication)

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DOCDB simple family (application)

KR 0000553 W 20000529; AU 5110700 A 20000529; BR 0006151 A 20000529; CA 2338046 A 20000529; CN 00801168 A 20000529; EP 00935677 A 20000529; JP 2001500475 A 20000529; KR 19990019644 A 19990529