

Title (en)

CHANNEL COMMUNICATION DEVICE AND METHOD FOR MOBILE STATION IN ASYNCHRONOUS CDMA COMMUNICATION SYSTEM

Title (de)

VORRICHTUNG UND VERFAHREN ZUR KANALKOMMUNIKATION FÜR MOBILE CDMA STATIONEN IN EINEM ASYNCHRONEN CDMA KOMMUNIKATIONSSYSTEM

Title (fr)

DISPOSITIF ET PROCEDE DE COMMUNICATION PAR CANAUX POUR UNE STATION MOBILE DANS UN SYSTEME DE COMMUNICATION ASYNCHRONE A ACCES MULTIPLE PAR REPARTITION DE CODE

Publication

**EP 1042878 A2 20001011 (EN)**

Application

**EP 99929935 A 19990712**

Priority

- KR 9900371 W 19990712
- KR 19980028060 A 19980711

Abstract (en)

[origin: WO0003549A2] Disclosed is a communication device for a base station in an asynchronous CDMA communication system. A common short code generator generates a common short code used in common by multiple base stations, a pattern generator generates a unique modulation pattern, and a long spreading code generator generates a unique long spreading code at predetermined periods. A specific channel transmitter spreads a transmission signal on a specific common channel with the long spreading code. A common short code inserter modulates the common short code with the modulation pattern, punctures the transmission signal on the common channel at predetermined periods and inserts the modulated short common code in the punctured transmission signal.

IPC 1-7

**H04J 13/02; H04B 7/26; H04Q 7/22**

IPC 8 full level

**H04B 1/707** (2006.01); **H04B 7/216** (2006.01); **H04J 13/00** (2006.01); **H04J 13/10** (2011.01); **H04Q 7/00** (2006.01); **H04W 52/42** (2009.01);  
**H04L 1/00** (2006.01); **H04L 7/04** (2006.01)

CPC (source: EP KR)

**H04B 1/707** (2013.01 - EP); **H04B 7/216** (2013.01 - KR); **H04J 13/10** (2013.01 - EP); **H04L 1/0068** (2013.01 - EP); **H04L 7/04** (2013.01 - EP)

Citation (search report)

See references of WO 0003549A2

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