

Title (en)

Method and device for assigning reference signal sequences in mobile communications system

Title (de)

Verfahren und Vorrichtung zur Zuweisung von Referenzsignalsequenzen in einem mobilen Kommunikationssystem

Title (fr)

Procédé et dispositif pour attribuer des séquences de signaux de référence dans un système de communication mobile

Publication

**EP 2007021 A8 20090211 (EN)**

Application

**EP 08075568 A 20080619**

Priority

JP 2007161959 A 20070619

Abstract (en)

[origin: EP2007021A1] A reference signal sequence assignment method and device are provided by which the influence of inter-cell interference can be reduced and the number of usable cyclic shifted sequences per sector can be increased. In a mobile communications system with a structure including multiple cells each including multiple sectors, a sequence assignment method is employed by which pseudo-orthogonal sequences used for reference signals are assigned to cells or sectors. According to this method, the multiple pseudo-orthogonal sequences are assigned to cells or sectors by using multiple repetition patterns.

IPC 8 full level

**H04B 1/707** (2011.01); **H04B 7/26** (2006.01); **H04J 11/00** (2006.01); **H04J 13/18** (2011.01); **H04L 27/26** (2006.01); **H04W 16/02** (2009.01); **H04W 16/24** (2009.01); **H04W 28/18** (2009.01); **H04W 72/04** (2009.01); **H04W 76/02** (2009.01)

CPC (source: EP US)

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Cited by

EP2448162A4; EP2211515A1; CN102340463A; CN101854227A; CN102474390A; EP2398156A4; EP2413622A4; US8619540B2; US9698953B2; US8908818B2; WO2011003433A1; US9629152B2; US9143280B2; US9369967B2; US9854534B2; US10455516B2; US8675632B2; US8867465B2; US9236994B2; US9526097B2; US9826520B2

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Designated extension state (EPC)

AL BA MK RS

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