

Title (en)

METHOD AND APPARATUS FOR DYNAMIC FREQUENCY REUSE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DYNAMISCHEN FREQUENZWIEDERVERWENDUNG

Title (fr)

PROCEDE ET APPAREIL POUR REUTILISATION DE FREQUENCE DYNAMIQUE

Publication

**EP 1779602 A1 20070502 (EN)**

Application

**EP 05780615 A 20050803**

Priority

- IB 2005052593 W 20050803
- CN 200410056538 A 20040810

Abstract (en)

[origin: WO2006016330A1] A dynamic frequency reuse method and apparatus for use in P2P communication to be executed in a communication network system is proposed in the present invention, comprising steps: determining a group of candidate frequencies for use in P2P communication in a cell according to the predefined radio resource management scheme of the communication network; sending said group of candidate frequencies to a UE in the cell so that the UE can detect the strength of signals using said group of candidate frequencies, thus to determine the frequency for the UE to carry out P2P communication.

IPC 8 full level

**H04L 12/28** (2006.01); **H04W 16/14** (2009.01)

CPC (source: EP KR)

**H04L 67/104** (2013.01 - KR); **H04W 4/08** (2013.01 - KR); **H04W 16/14** (2013.01 - EP KR); **H04W 72/0453** (2013.01 - KR);  
**H04W 72/53** (2023.01 - KR)

Citation (search report)

See references of WO 2006016330A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006016330 A1 20060216**; CN 1735256 A 20060215; EP 1779602 A1 20070502; JP 2008510343 A 20080403;  
KR 20070046845 A 20070503; TW 200708145 A 20070216

DOCDB simple family (application)

**IB 2005052593 W 20050803**; CN 200410056538 A 20040810; EP 05780615 A 20050803; JP 2007525415 A 20050803;  
KR 20077003017 A 20070207; TW 94127183 A 20050810