

Title (en)  
METHOD FOR IMPLEMENTING FAST-DYNAMIC CHANNEL ALLOCATION RADIO RESOURCE MANAGEMENT PROCEDURES

Title (de)  
VERFAHREN ZUM IMPLEMENTIEREN SCHNELLDYNAMISCHER KANALZUTEILUNGS-  
FUNKBETRIEBSMITTELVERWALTUNGSPROZEDUREN

Title (fr)  
PROCEDE PERMETTANT DE METTRE EN OEUVRE DES PROCEDURES DE GESTION DE RESSOURCES RADIO PAR ATTRIBUTION  
DYNAMIQUE ET RAPIDE DE VOIE

Publication  
**EP 1602244 A4 20060726 (EN)**

Application  
**EP 04715103 A 20040226**

Priority

- US 2004005746 W 20040226
- US 45079303 P 20030227
- US 45092703 P 20030227
- US 45092403 P 20030227
- US 45664403 P 20030320
- US 46389303 P 20030417
- US 74480003 A 20031223
- US 74729703 A 20031229
- US 74773303 A 20031229
- US 75012903 A 20031231
- US 75013503 A 20031231

Abstract (en)  
[origin: WO2004077850A2] A method of optimizing a fast dynamic channel allocation radio resource management algorithm in a wireless communication system includes a pre-code allocation process, a signal-independent code allocation process, and a post-code allocation process. The pre-code allocation process includes receiving and processing an input message and obtaining system measurements and information from a centralized database. The code allocation process begins by checking the availability of a code set in the cell and generating timeslot sequences for the available timeslots. A code set is assigned to the available timeslots in a timeslot sequence, wherein a successful assignment is a solution. The interference signal code power (ISCP) is calculated for each solution and the solution having the lowest weighted ISCP is selected as an optimal solution. The post-code allocation process includes storing allocation information in a centralized database and creating an output message.

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**H04Q 7/00**; **H04Q 7/20**

IPC 8 full level  
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CPC (source: EP KR)  
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Citation (search report)

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**WO 2004077850 A2 20040910**; **WO 2004077850 A3 20041216**; CA 2516865 A1 20040910; CN 1754393 A 20060329; CN 1754393 B 20110608; EP 1602244 A2 20051207; EP 1602244 A4 20060726; JP 2006520126 A 20060831; JP 4298744 B2 20090722; KR 100752561 B1 20070829; KR 20050110645 A 20051123; KR 20050110716 A 20051123; MX PA05009121 A 20051020; NO 20054455 D0 20050926; NO 20054455 L 20050926; TW 200423657 A 20041101; TW 200520574 A 20050616; TW 200948101 A 20091116; TW 201316793 A 20130416; TW I252006 B 20060321; TW I357271 B 20120121; TW I387361 B 20130221

DOCDB simple family (application)  
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