



(11) **EP 2 214 442 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 73

(51) Int Cl.:
H04W 76/04 ^(2009.01) **H04W 52/02** ^(2009.01)

(48) Corrigendum issued on:
19.06.2013 Bulletin 2013/25

(45) Date of publication and mention
of the grant of the patent:
15.05.2013 Bulletin 2013/20

(21) Application number: **10152444.5**

(22) Date of filing: **02.02.2010**

(54) **Apparatus and method for coordinating the operations of discontinuous reception and the semi-persistent scheduling.**

Vorrichtung und Verfahren zur Koordinierung der Operationen von diskontinuierlichem Empfang und semipersistenter Übertragungsplanung.

Appareil et procédé pour coordonner les opérations de réception discontinue et de planification semi-persistante.

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL
PT RO SE SI SK SM TR**

(30) Priority: **02.02.2009 US 149226 P**
15.04.2009 US 169645 P
23.03.2009 US 162594 P
27.04.2009 US 172979 P

(43) Date of publication of application:
04.08.2010 Bulletin 2010/31

(73) Proprietor: **Research In Motion Limited**
Waterloo, ON N2L 3W8 (CA)

(72) Inventors:
• **Cai, Zhijun**
Irving, TX 75039 (US)
• **Burbidge, Richard**
Slough, Berkshire SL1 3XE (GB)
• **Suzuki, Takashi**
Shibuya-ku Tokyo 151-0051 (JP)
• **Earnshaw, Andrew Mark**
Kanata Ontario K2K 3K1 (CA)

(74) Representative: **Bryn-Jacobsen, Caelia et al**
Kilburn & Strode LLP
20 Red Lion Street
London WC1R 4PJ (GB)

(56) References cited:
WO-A2-2008/069950

- "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA) Medium Access Control (MAC) protocol specification (Release 8)" 3GPP STANDARD; 3GPP TS 36.321, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. V8.4.0, 1 December 2008 (2008-12-01), pages 1-40, XP050377620

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 2 214 442 B8

- | | |
|---|---|
| <ul style="list-style-type: none"> • RESEARCH IN MOTION ET AL: "Consideration of DRX and SPS Alignment" 3GPP DRAFT; R2-090369, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Ljubljana; 20090105, 5 January 2009 (2009-01-05), XP050322335 [retrieved on 2009-01-05] • ERICSSON: "Signaling of DRX Start Offset" 3GPP DRAFT; R2-085387 (SIGNALING OF DRX START OFFSET), 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Prague, Czech Republic; 20080923, 23 September 2008 (2008-09-23), XP050320231 [retrieved on 2008-09-23] • "3GPP TS 36.331 (v. 8.4.0), Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification" INTERNET CITATION 1 December 2008 (2008-12-01), XP002579528 [retrieved on 2008-12-01] | <ul style="list-style-type: none"> • RESEARCH IN MOTION LTD: "Consideration of DRX and SPS Alignment" 3GPP DRAFT; R2-091481, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Athens, Greece; 20090203, 3 February 2009 (2009-02-03), XP050323447 [retrieved on 2009-02-03] • RESEARCH IN MOTION UK LIMITED ET AL: "DRX and SPS Alignment in REL9" 3GPP DRAFT; R2-093731, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Los Angeles, USA; 20090622, 22 June 2009 (2009-06-22), XP050351964 [retrieved on 2009-06-22] |
|---|---|