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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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[Continued on next page]

(54) Title: HANDLING CELL RESELECTIONS AND STATE TRANSITIONS FOR HIGH-SPEED DOWNLINK PACKET ACCESS

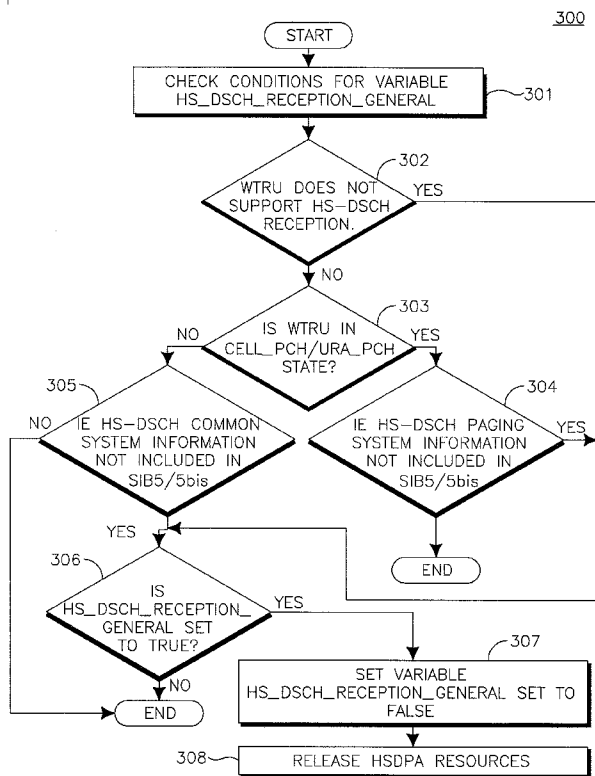


FIG.3

(57) Abstract: A wireless transmit receive unit (WTRU) is configured to operate in an high speed data packet access (HSDPA) mode in a cell and/or state and to clear HSDPA resources when moving out of the cell and/or state. The WTRU is configured to clear HSDPA resources when conditions to perform high speed downlink shared channel reception are not met. In particular, a new variable called HS_DSCH_RESEPTION_GENERAL is set to FALSE if a new cell following a cell reselection or a new state following a state transition does not support HS_DSCH reception. Stop HS_SCCH reception. Stop HS-DSCH reception. Clear RNTI. Reset MAC_hs. Release HARQ resources. Set HS_DSCH_RESEPTION_GENERAL to TRUE if HS_DSCH is ongoing. Cell_FACH, Cell_PCH, URA_PCH and Cell_DCH.

WO 2008/134710 A3



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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>NOKIA, SIEMENS NETWORKS: "R2-071556: Introduction of Enhanced CELL_FACH state; 25.331 Change Request to v7.3.0"[Online] 2 April 2007 (2007-04-02), pages 1-78, XP002496114 3GPP TSG-2 Meeting #57; St. Julian's, Malta, 26th-30th of March 2007 Retrieved from the Internet: URL: http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_57bis/Documents/ [retrieved on 2008-09-16] page 49, line 31 - page 50, column 14 page 71, paragraph 13.4.ZZ1</p> <p align="center">----- -/--</p>	1-14

Further documents are listed in the continuation of Box C. See patent family annex.

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| <p>* Special categories of cited documents:</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> | <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*&* document member of the same patent family</p> |
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Date of the actual completion of the international search 13 October 2008	Date of mailing of the international search report 31/10/2008
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Moreno-Solana, S
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	<p>INTERDIGITAL: "R2-073180: Correction to UE behavior to disable HS-DSCH operation when HS-DSCH reception is unavailable - Option 2; Change Request to TS 25.331 v7.5.0"[Online] 17 August 2007 (2007-08-17), pages 1-44, XP002499373 3GPP TSG-WG2 Meeting #59; Athens, Greece, 20-24.08.2007 Retrieved from the Internet: URL: http://www.quintillion.co.jp/3GPP/TSG_RAN/TSG_RAN2007/TSG_RAN_WG2_RL2_8.html [retrieved on 2008-10-13] the whole document</p>	1-14
P, X	<p>INTERDIGITAL: "R2-073180: Disabling HS-DSCH operation when HS-DSCH reception is unavailable; agenda item 7.5.1"[Online] 17 August 2007 (2007-08-17), pages 1-2, XP002499374 3GPP TSG-RAN WG2#59; Athens, Greece, Aug. 20-24, 2007 Retrieved from the Internet: URL: http://www.quintillion.co.jp/3GPP/TSG_RAN/TSG_RAN2007/TSG_RAN_WG2_RL2_8.html [retrieved on 2008-10-13] the whole document</p>	1-14
E	<p>EP 1 973 364 A (INNOVATIVE SONIC LTD [VG]) 24 September 2008 (2008-09-24) paragraphs [0004] - [0015]</p>	1-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

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		US 2008232313 A1	25-09-2008
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