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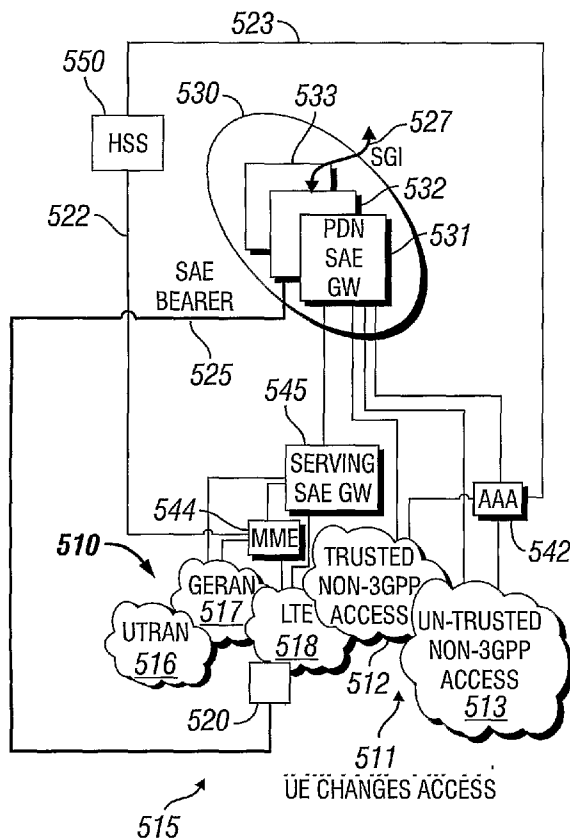
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(54) **Title:** METHOD AND SYSTEM FOR GLOBAL ANCHOR REGISTRATION



FJG. 5A

(57) **Abstract:** There is disclosed a method, system, and anchor node for providing UE (user equipment) access to a packet data network via a telecommunications system that is itself accessible through a variety of access networks. A user attaches to a first access network, intending to access the packet data network via the telecommunications system, and is assigned a PDN SAE GW. The identity of the PDN SAE GW is registered, so that if the UE attaches to another access network, triggering a new attach procedure, the identity is retrieved. A determination is then made whether the previously-assigned PDN SAE GW may be used for the present communications and, if so it is reassigned. The identity of the PDN SAE GW is registered in an anchor node, which is in a preferred embodiment the HSS. If the previously-assigned PDN SAE GW cannot be used for some reason, or if the PDN SAE GW must be changed for other reasons, then the communication is reassigned to a new PDN SAE GW and provision is made for a smooth transition with minimal service disruption.

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FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL,
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B. FIELDS SEARCHED
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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	US 7 185 067 B1 (VISWANATH KAARTIK [US] ET AL) 27 February 2007 (2007-02-27) column 3, lines 33-49; figure 1 column 8, line 65 - column 9, line 11; figure 3	1-27
X	US 2003/182433 A1 (KULKARNI MILIND M [US] ET AL) 25 September 2003 (2003-09-25) paragraph [0034]; figure 2 paragraph [0043]; figure 4 paragraph [0057]	1-27

Further documents are listed in the continuation of BOHC See patent family annex

* Special categories of cited documents

'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubt on prior art claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed	'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 '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 '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 '&' document member of the same patent family
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Date of the actual completion of the international search 22 September 2008	Date of mailing of the international search report 06/10/2008
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Name and mailing address of the ISA/ European Patent Office, P B 5d18 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040 Tx 31 651 epo nl Fax (+31-70) 340-3016	Authorized officer Tabery, Peter
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	<p>3RD GENERATION PARTNERSHIP PROJECT: "3GPP System Architecture Evolution: GPRS enhancements for LTE access; Release 8" TECHNICAL SPECIFICATION GROUP SERVICES AND SYSTEM ASPECTS, February 2007 (2007-02), XP007905691</p> <p>cited in the application figure 4.2.2</p> <p style="text-align: center;">-----</p>	1-27
A	<p>3RD GENERATION PARTNERSHIP PROJECT: "3GPP System Architecture Evolution: Architecture Enhancements for non-3GPP access; Release 8" TECHNICAL SPECIFICATION GROUP SERVICES AND SYSTEM ASPECTS, February 2007 (2007-02), XP007905690</p> <p>cited in the application figure 4.2.2</p> <p style="text-align: center;">-----</p>	1-27

INTERNATIONAL SEARCH REPORT

Information on patent family members

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