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(71) Applicant (for all designated States except US): NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(72) Inventors; and

(75) Inventors/Applicants (for US only): HURTTA, Tu-
ija [FI/FI]; Kiskottjankuja 4 D 49, FIN-02660 Espoo
(FI). HULKKONEN, Tony [FI/FI]; Nokia Corporation,
Keilalahdentie 4, FIN-02150 Espoo (FI). RAJANIEMI,

Jaakko [FI/FI]; Nokia Corporation, Keilalahdentie 4,
FIN-02150 Espoo (FI). SIVANANDAN, Mohan [FI/FI];
Nokia Corporation, Keilalahdentie 4, FIN-02150 Espoo
(FI). THUOHINO, Markku [FI/FI]; Nokia Corporation,
Keilalahdentie 4, FIN-02150 Espoo (FI).

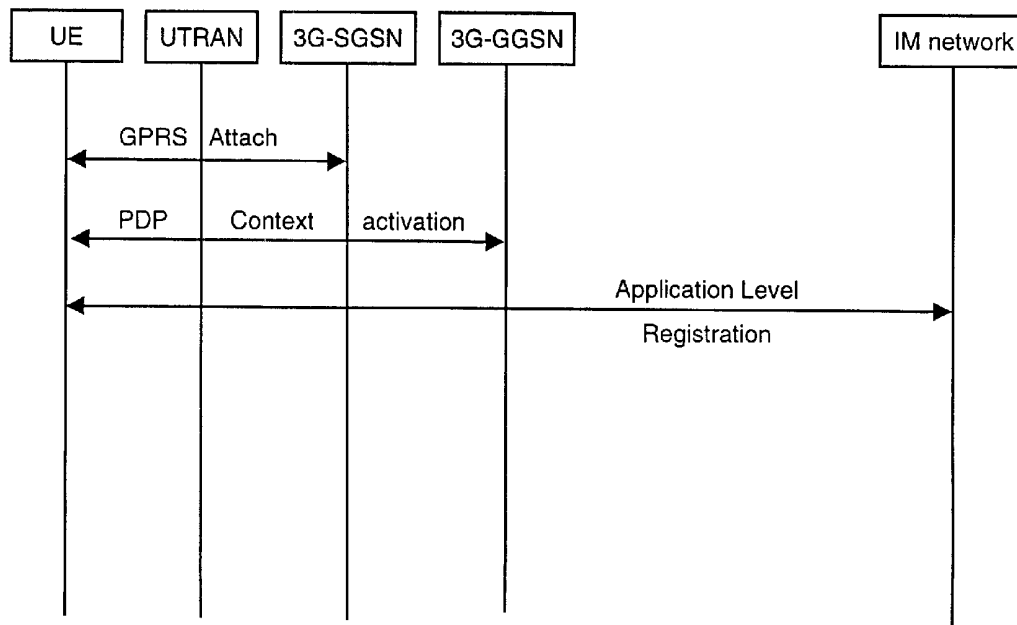
(74) Agents: LESON, Thomas, Johannes, Alois et al.;
Tiedtke-Bühling-Kinne, Bavariaring 4, 80336 Munich
(DE).

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(54) Title: ADDRESS DE-REGISTRATION FROM IP MULTIMEDIA NETWORKS



(57) Abstract: According to one aspect, a communication network system comprising at least one first network and at least one second network providing application services over the first network is described. The system comprises first network means (GGSN) for receiving a message associated with an IP address allocated by the first network from the second network, for detecting that there is no active communication channel for this IP address which is allocated to a user equipment, and for sending an indication that the user equipment is not reachable through this IP address to the second network. The system further comprises second network means (P-CSCF/PCF) for receiving this indication.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L H04M

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, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 61966 A (NOKIA MOBILE PHONES LTD ;TURUNEN MATTI (FI)) 2 December 1999 (1999-12-02)	1-3, 6-11, 13-18, 21-30, 45-49, 51,66-70
A	abstract page 7, paragraph 2 -page 8, paragraph 1 page 9, line 26 -page 10, line 6 page 12, line 21 -page 13, line 31 page 17, line 22 -page 18, line 20 --- -/--	4,5,12, 19,20, 31-44, 50,52-65

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

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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, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Blanco Cardona, P

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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.
A	<p>PLASSE D: "Call control scenarios in the "all-IP" UMTS core network" PROCEEDINGS 11TH IEEE INTERNATIONAL SYMPOSIUM ON PERSONAL INDOOR AND MOBILE RADIO COMMUNICATIONS. PIMRC 2000, vol. 1, 18 - 21 September 2000, pages 322-326, XP002174862 London, UK page 322, left-hand column, paragraph 1 -page 323, left-hand column, paragraph 1 page 324, left-hand column, paragraph 5 -right-hand column, paragraph 7 ---</p>	4,5,19, 20, 31-44, 50,52-65
A	<p>NAPOLITANO-RICAGNI: "UMTS all-IP Mobility Management, Call and session control Procedure" INTERNET DRAFT, 24 March 2000 (2000-03-24), XP002149519 page 4 page 8 -page 17 ---</p>	4,5,19, 20, 31-44, 50,52-65
A	<p>WO 00 24209 A (NOKIA NETWORKS OY ;VERKAMA MARKKU (FI)) 27 April 2000 (2000-04-27) abstract page 1, paragraph 4 page 3, line 4 - line 32 page 5, paragraph 4 page 8, paragraph 3 -----</p>	1-70

INTERNATIONAL SEARCH REPORT

Information on patent family members

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