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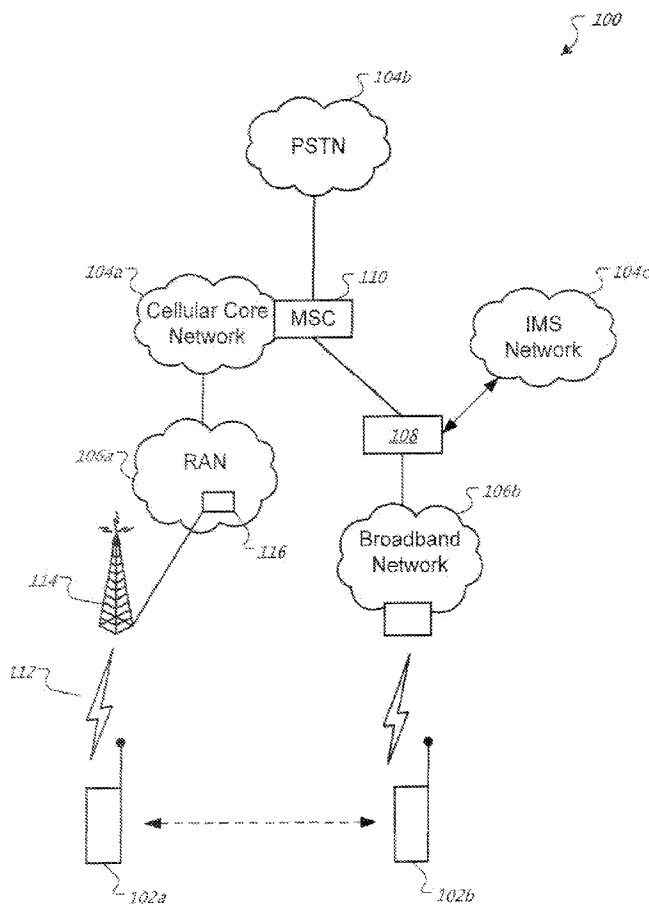
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[Continued on next page]

(54) Title: MANAGING MOBILITY OF DIFFERENT COMMUNICATION TECHNOLOGIES



(57) Abstract: The present disclosure includes a system and method for managing wireless devices. In some embodiments, a method includes identifying a mobile device 102 including a cellular technology module 306 configured to communicate with a cellular network 106a using a cellular technology and a broadband technology module 308 configured to communicate with a broadband network 106b using a broadband technology. IP Multimedia Subsystem (IMS) services are provided in a broadband technology communication session communicated over the broadband network 106b.

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PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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**INTERNATIONAL SEARCH REPORT**

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**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. H04Q7/38 H04L29/06

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)  
H04Q H04L

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

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/154665 A1 (SVENSSON SVEN ANDERS B [US] ET AL) 13 July 2006 (2006-07-13) paragraph [0002] - paragraph [0003] paragraph [0007] paragraph [0022] paragraph [0028] paragraph [0032] - paragraph [0034] paragraph [0038] - paragraph [0040] paragraph [0048] - paragraph [0049] ----- -/--	1-35

Further documents are listed in the continuation of Box C.  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 doubts on priority 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  13 March 2008	Date of mailing of the international search report  20/03/2008
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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, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Rothlübbers, C
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International application No  
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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.
X	<p>SHIAO-LI TSAO ET AL: "VGSN: a gateway approach to interconnect UMTS/WLAN networks" PERSONAL, INDOOR AND MOBILE RADIO COMMUNICATIONS, 2002. THE 13TH IEEE INTERNATIONAL SYMPOSIUM ON SEPT. 15-18, 2002, PISCATAWAY, NJ, USA, IEEE, vol. 1, 15 September 2002 (2002-09-15), pages 275-279, XP010614230 ISBN: 0-7803-7589-0 the whole document</p>	1-35
X	<p>US 2006/072542 A1 (SINNREICH HEINRICH [US] ET AL) 6 April 2006 (2006-04-06) paragraph [0005] - paragraph [0010] paragraph [0027] - paragraph [0028] paragraph [0033] - paragraph [0034] paragraph [0075] paragraph [0089]</p>	1,8,18, 24,27

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2006154665 A1	13-07-2006	CA 2594774 A1	20-07-2006
		EP 1836870 A1	26-09-2007
		KR 20070098993 A	08-10-2007
		WO 2006076421 A1	20-07-2006
US 2006072542 A1	06-04-2006	NONE	