

6 Documents

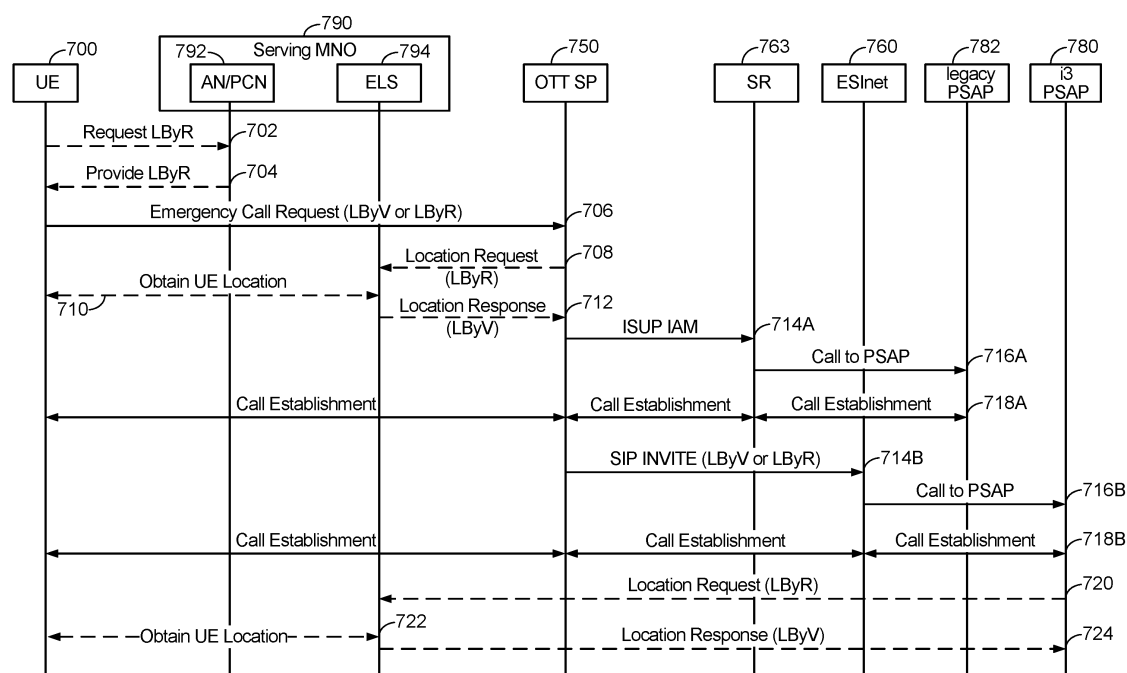
Publication numbers	Title	Current assignees
EP3225041 A1	Location by reference for an over-the-top emergency call	QUALCOMM
EP1894429 A1	Efficient periodic location reporting in a radio access network	QUALCOMM
US20120063464 A1	Paging control in communication networks	CISCO TECHNOLOGY
EP1307061 A1	Method for the management of the localisation services in a packet mode in a radiocommunication mobile system	ALCATEL LUCENT
EP1234459 A2	SYSTEM AND METHOD FOR AUTOMATICALLY CONFIGURING NETWORK SERVICE ENTITY IDENTIFIERS UTILIZING A Gb-OVER-IP INTERFACE IN A GPRS NETWORK	ERICSSON
WO200156320 A1	Location of subscriber terminal in packet-switched radio system	NOKIA MOBILE PHONES, ...

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Title

(EP3225041)

Location by reference for an over-the-top emergency call

Images**Publication numbers with kind code & date**

AU2015354710	B2	2019-07-11	AU2015354710
US10165395	B2	2018-12-25	US10165395
CN107113566	B	2018-11-02	CN107113566B
US10097979	B2	2018-10-09	US10097979
AU2015354709	B2	2018-10-04	AU2015354709
US10085142	B2	2018-09-25	US10085142
JP6374110	B2	2018-08-15	JP6374110
KR101825898	B1	2018-02-05	KR101825898
US20180014338	A1	2018-01-11	US20180014338
BR112017010777	A2	2018-01-09	BR112017010777
JP2017539161	A	2017-12-28	JP2017539161
BR112017010802	A2	2017-12-26	BR112017010802
JP2017536768	A	2017-12-07	JP2017536768
US20170339543	A1	2017-11-23	US20170339543
IN201727012911	A	2017-11-10	IN201727012911
EP3225041	A1	2017-10-04	EP3225041
EP3225042	A1	2017-10-04	EP3225042
US9756664	B2	2017-09-05	US9756664
CN107113566	A	2017-08-29	CN107113566
KR20170091598	A	2017-08-09	KR20170091598
KR20170091600	A	2017-08-09	KR20170091600
CN107005802	A	2017-08-01	CN107005802
IN201727013063	A	2017-06-23	IN201727013063



BR112017010777	A1	2017-05-30	BR112017010777
BR112017010802	A1	2017-05-30	BR112017010802
AU2015354709	A1	2017-05-04	AU2015354709
AU2015354710	A1	2017-05-04	AU2015354710
US20160249193	A1	2016-08-25	US20160249193
WO2016/085647	A1	2016-06-02	WO201685647
WO2016/085648	A1	2016-06-02	WO201685648
US20160150574	A1	2016-05-26	US20160150574



Abstract

(EP3225041)

Methods and apparatuses for providing support for location and emergency calls for an over-the-top (OTT) service provider (SP) are disclosed. An access network node receives a first message from a UE, determines a location reference for the UE, and sends a second message including the location reference to the UE. The access network node may determine the location reference itself on behalf of a location server or may request the location server to assign and return the location reference. The access network node may serve as a proxy and avoid interaction between the UE and the location server. The location server may later receive a location request for the UE from a network entity wherein the location request includes the location reference. The location server may locate the UE using the location reference and return the UE location to the network entity.

Inventors

EDGE STEPHEN WILLIAM

GELLENS RANDALL COLEMAN

KHATIBI FARROKH

Latest standardized assignees - inventors removed

QUALCOMM

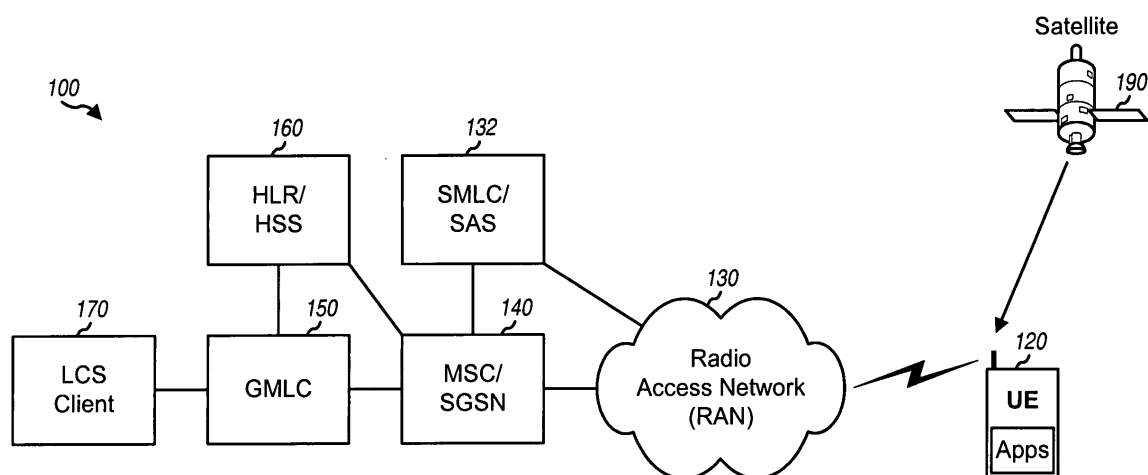
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Title

(EP2863659)

Efficient periodic location reporting in a radio access network

Images



Publication numbers with kind code & date

BRPI0611749	B1	2019-08-20	BR200611749
EP2477422	B1	2018-04-18	EP2477422
EP1894429	B1	2017-11-15	EP1894429



IN279713	B	2017-01-30	IN-279713				
US9549289	B2	2017-01-17	US9549289				
US20160029173	A1	2016-01-28	US20160029173				
US9154907	B2	2015-10-06	US9154907				
EP2863659	A1	2015-04-22	EP2863659				
JP5547131	B2	2014-05-23	JP5547131				
EP2477422	A3	2014-05-21	EP2477422				
CA2612764	C	2014-01-21	CA2612764				
JP2013240078	A	2013-11-28	JP2013240078				
JP5349961	B2	2013-08-30	JP5349961				
IL188265	B	2013-04-30	IL-188265				
EP2477422	A2	2012-07-18	EP2477422				
JP2011250429	A	2011-12-08	JP2011250429				
BRPI0611749	A2	2010-09-28	BR200611749				
SG163515	A1	2010-08-30	SG-163515				
RU2384021	C2	2010-03-10	RU2384021				
KR100937089	B1	2010-01-15	KR100937089				
RU2008102075	A	2009-07-27	RU2008102075				
JP2009513036	A	2009-03-26	JP2009513036				
IN10024/DELNP/2007	A	2008-06-20	IN2007DN10024				
IL188265	A	2008-04-13	IL-188265				
KR20080023750	A	2008-03-14	KR20080023750				
EP1894429	A1	2008-03-05	EP1894429				
CA2612764	A1	2007-01-04	CA2612764				
WO2007/002303	A1	2007-01-04	WO200702303				
US20060293066	A1	2006-12-28	US20060293066				

Abstract

(EP2863659)

A method of providing location services, comprising: receiving at a radio access network, RAN, signaling sent by a network entity to initiate periodic reporting of location of a user equipment, UE, to a client entity, wherein the signaling received from the network entity includes periodic location information indicative of when to send location estimates for the UE to the client entity; coordinating and controlling the periodic reporting of UE location to the client entity.

Inventors

EDGE STEPHEN

FISCHER SVEN

BURROUGHS KIRK

Latest standardized assignees - inventors removed

QUALCOMM

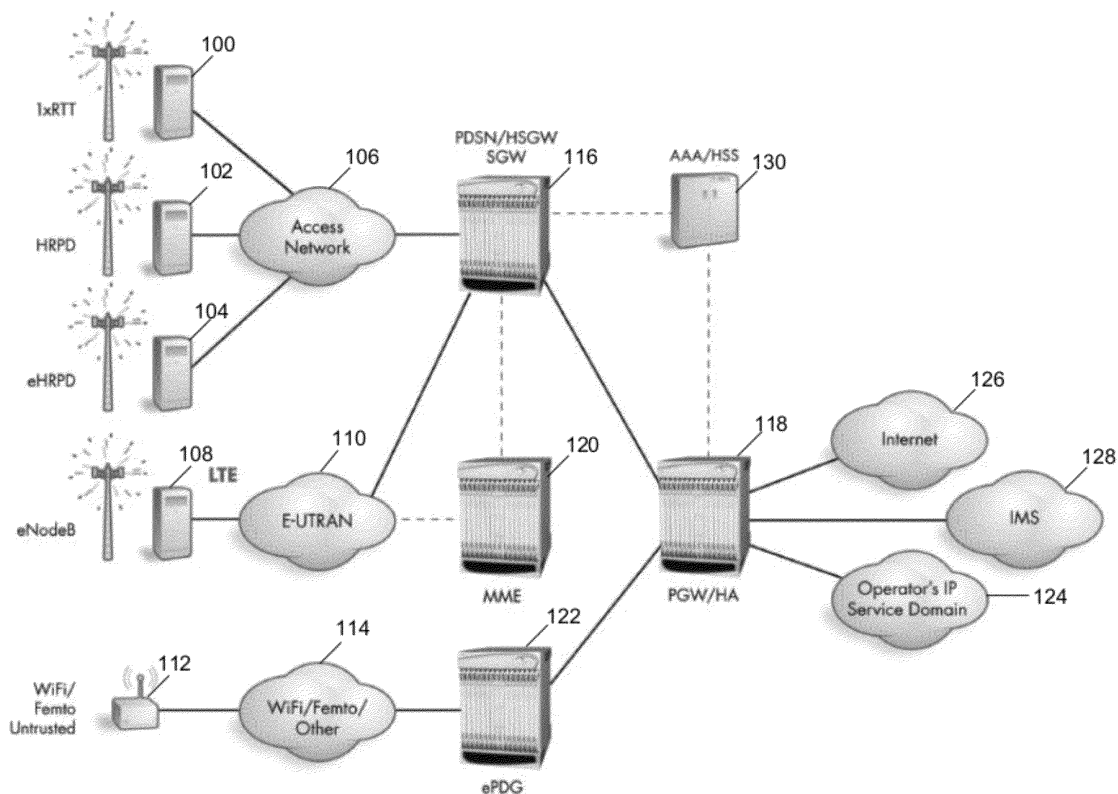
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Title

(US8537829)

Paging control in communication networks

Images



Publication numbers with kind code & date

US9474052	B2	2016-10-18	US9474052
US20130343309	A1	2013-12-26	US20130343309
US8537829	B2	2013-09-17	US8537829
US20120063464	A1	2012-03-15	US20120063464



Abstract

(US20120063464)

This disclosure relates to a system and method for providing a mechanism control page requests sent in a wireless communication network. The paging control mechanism can be implemented in a gateway through a combination of hardware and software to determine whether packets received at a gateway trigger a page. The packets received at the gateway are intended for user equipment that is indicated to be in an idle state with no bearer connection. The paging mechanism controls paging when paging requests need to be sent. In some communication networks, page requests can be sent that are not needed because a bearer connection or link is in the process of being established. The control can be asserted by adding intelligence to the gateway to determine-on receipt of downlink data or signaling-how to proceed based on the state of the user equipment and the bearer connection.

Inventors

MEHTA PRATIK

Latest standardized assignees - inventors removed

CISCO TECHNOLOGY

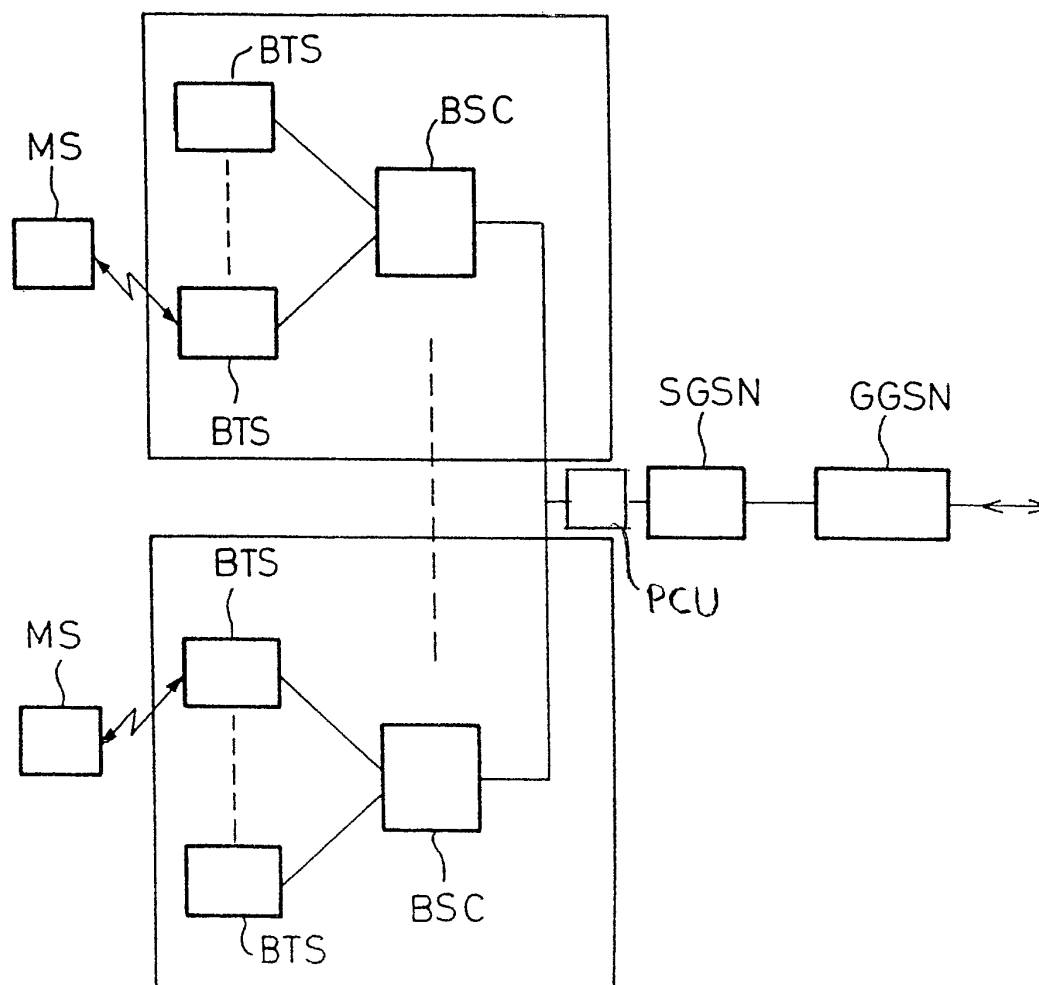
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Title

(EP1307061)

Method for the management of the localisation services in a packet mode in a radiocommunication mobile system

Images



Publication numbers with kind code & date

ES2583781	T3	2016-09-22	ES2583781
EP1307061	B1	2016-01-13	EP1307061
US8385289	B2	2013-02-26	US8385289
CN100512512	C	2009-07-08	CN100512512C
CN1575610	A	2005-02-02	CN1575610
US20050007980	A1	2005-01-13	US20050007980
EP1307061	A1	2003-05-02	EP1307061
WO03/37005	A1	2003-05-01	WO200337005



Abstract

(EP1307061)

A mobile phone packet mode location service procedure continues execution in the base station (BSS) if possible during cell changes using data including new cell identification and Network Service Entity sent from the Serving GPRS Support Node (SGSN)

Inventors

LANDAIS BRUNO

BOURDEAUT STANISLAS

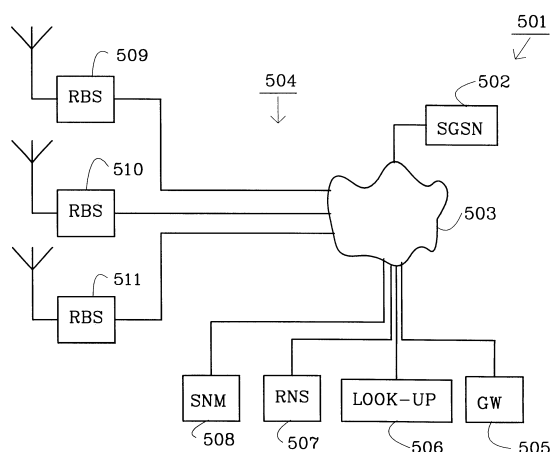
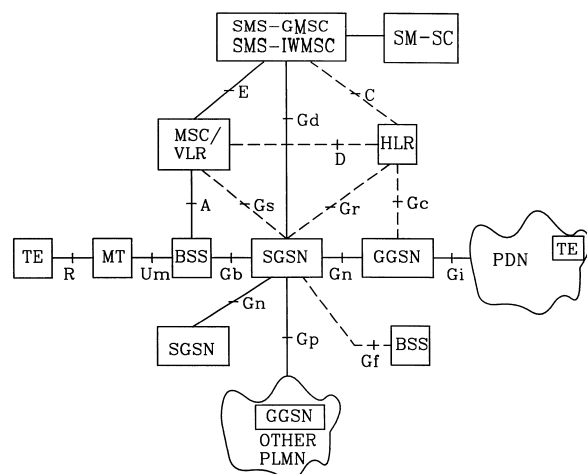
Latest standardized assignees - inventors removed

ALCATEL LUCENT

(EP1240791)

SYSTEM AND METHOD FOR AUTOMATICALLY CONFIGURING NETWORK SERVICE ENTITY IDENTIFIERS UTILIZING A Gb-OVER-IP INTERFACE IN A GPRS NETWORK

Images



Publication numbers with kind code & date

DE60035897	T2	2008-05-08	DE60035897
DE60035897	D1	2007-09-20	DE60035897
AT369705	T	2007-08-15	ATE369705
EP1234459	B1	2007-08-08	EP1234459
CA2402261	C	2007-01-09	CA2402261
CA2402272	C	2007-01-09	CA2402272
MY125522	A	2006-08-30	MY-125522
US6920116	B1	2005-07-19	US6920116
US6711143	B1	2004-03-23	US6711143
TW527803	B	2003-04-11	TW-527803
AR026964	A1	2003-03-05	AR--26964
AR026993	A1	2003-03-05	AR--26993
EP1240791	A2	2002-09-18	EP1240791
EP1234459	A2	2002-08-28	EP1234459
WO01/45347	A3	2002-01-24	WO200145347
WO01/45439	A3	2002-01-10	WO200145439
US6317421	B1	2001-11-13	US6317421
SE515456	C2	2001-08-06	SE-515456
AU2239301	A	2001-06-25	AU200122393
AU2239401	A	2001-06-25	AU200122394
CA2402261	A1	2001-06-21	CA2402261
CA2402272	A1	2001-06-21	CA2402272
WO01/45347	A2	2001-06-21	WO200145347
WO01/45439	A2	2001-06-21	WO200145439
SE0000960	L	2001-06-17	SE200000960
SE0000960	D0	2000-03-21	SE200000960



Abstract

(EP1240791)

A system and method in a General Packet Radio Service (GPRS) network for automatically configuring Network Service Entity Identifiers (NSEIs) in a Base Station System (BSS(32)) and a Serving GPRS Support Node (SGSN(33)) when the BSS is reconfigured. The Gb interface between the BSS and the SGSN is modified to operate using the Internet Protocol

(IP), and the BSS and the SGSN are configured to run on IP. Whenever a new Network Service Entity (NSE) is added (57) to an existing BSS, or a new BSS is added to the network, the BSS automatically sends (52) a modified Network Service (NS')-Reset message to the SGSN requesting an NSEI. The SGSN dynamically allocates (53) a free NSEI from a pool of NSEIs and sends (54) it to the BSS. When an NSE is removed (61) from the BSS, the BSS automatically sends (62) a modified NS'-Reset message to the SGSN to free an NSEI. The SGSN de-allocates (63) the NSEI, and returns the NSEI to the pool of free NSEIs. All related entries for Base Station Systems GPRS Protocol (BSSGP) Virtual Circuit Identifiers (BVCIs) under the de-allocated NSEI are also removed by the SGSN.

Inventors

BALAZINSKI BARTOSZ

HOSSAIN MAHMOOD

RACINE YVES

Latest standardized assignees - inventors removed

ERICSSON

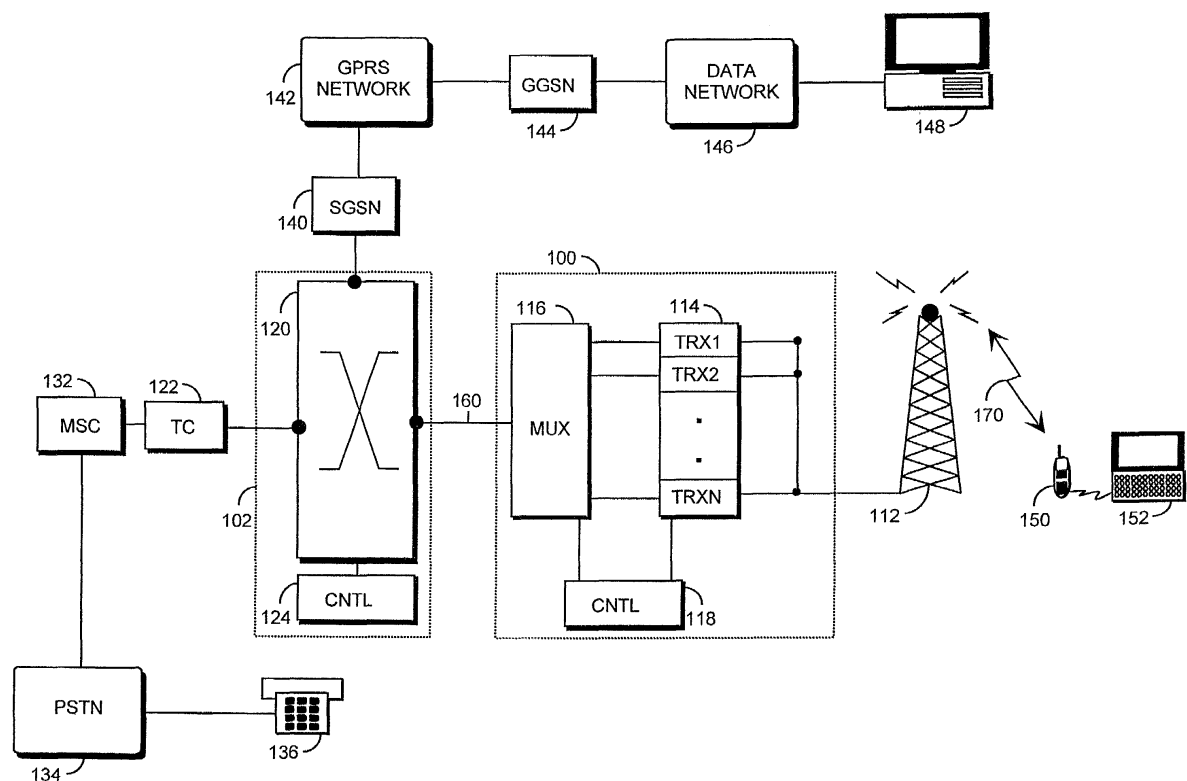
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Title

(WO200156320)

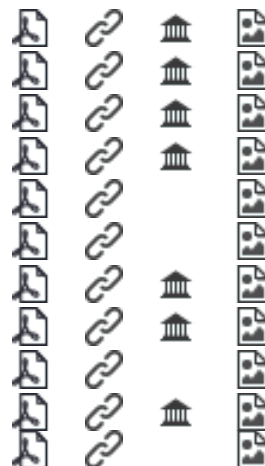
Location of subscriber terminal in packet-switched radio system

Images



Publication numbers with kind code & date

US7151941	B2	2006-12-19	US7151941
GB2376388	B	2004-01-07	GB2376388
DE10195394	T1	2003-05-15	DE10195394T
GB2376388	A	2002-12-11	GB2376388
FI109863	B	2002-10-15	FI-109863
GB0216392	D0	2002-08-21	GB200216392
AU3028501	A	2001-08-07	AU200130285
WO01/56320	A1	2001-08-02	WO200156320
FI20000150	A	2001-07-27	FI200000150
US20010009544	A1	2001-07-26	US20010009544



FI20000150

A0 2000-01-26 FI200000150

Abstract

(WO01/56320)

The invention relates to a packet-switched radio system and to a method of locating a subscriber terminal in a packet-switched radio system. In the method (302) the core network of the radio system transmits a location service request message to the radio network of the radio system; (304) the radio network transmits information to a subscriber terminal in a paging message that the subscriber terminal is requested to initiate the location service; (306) the subscriber terminal that received the paging message transmits a paging response message to the radio network; (308) the radio network transmits the paging response message to the core network; (310) the network part locates the subscriber terminal on the basis of the information included in the paging response message.

Inventors

VAENTTINEN VEIJO

RUUTU VILLE

Latest standardized assignees - inventors removed

NOKIA MOBILE PHONES

NOKIA