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(54) **Title:** METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR PROVIDING PEER ROUTING AT A DIAMETER NODE

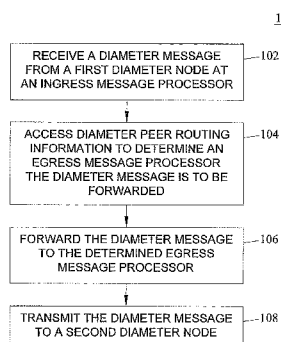


FIG. 1

(57) **Abstract:** Methods, systems, and computer readable media for providing local application routing at a Diameter node are disclosed. In one example, the method includes receiving, at an ingress Diameter message processor associated with a DSR, a Diameter message from a first Diameter node. The method further includes accessing, using the ingress Diameter message processor, Diameter peer routing information to determine an egress Diameter message processor among a plurality of egress Diameter message processors within the DSR and associated with a second Diameter node that is a peer of the DSR and to which the Diameter message is to be forwarded. The method also includes forwarding the Diameter message to the determined egress Diameter message processor.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/024614**A. CLASSIFICATION OF SUBJECT MATTER*****H04L 12/28(2006.01)i, H04L 29/02(2006.01)1***

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)

H04L 12/28; G06F 15/16; G06F 15/173; H04L 12/66

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords:diameter, node, peer, routing, route

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6915345 B1 (RAMBABU TUMMALA et al.) 05 July 2005 See Abstract, column 7, line 18 - column 12, line 36, claims 1-39, figs. 3-6.	1-28
A	US 7257636 B2 (ETRI) 14 August 2007 See Abstract, column 2, line 60 - column 9, line 14, claims 1-8, figs. 1-6.	1-28
A	US 7333482 B2 (INTERACTIVE PEOPLE UNPLUGGED AB.) 19 February 2008 See Abstract, column 7, line 15 - column 18, line 57, claims 1-6, figs. 1-15.	1-28



Further documents are listed in the continuation of Box C.



See patent family annex.

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Date of the actual completion of the international search

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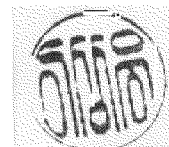
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6915345 B1	05 .07 .2005	None	
US 7257636 B2	14 .08 .2007	KR 10-0420265 B1 KR2003004060 1A KR2003004060 1A US 2003-0090998 A1	02 .03 .2004 23 .05 .2003 23 .05 .2003 15 .05 .2003
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