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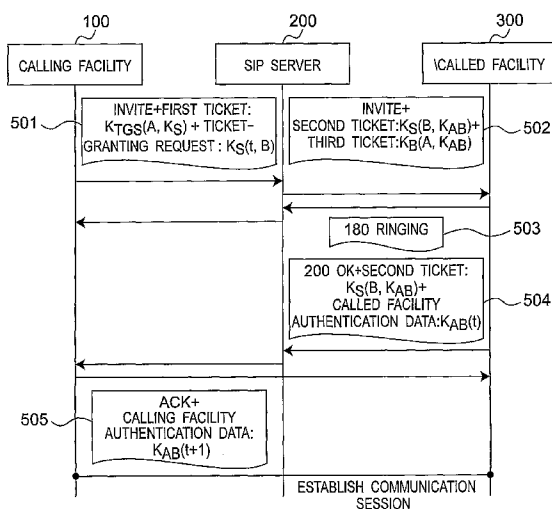
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(54) Title: AUTHENTICATION METHOD AND APPARATUS FOR INTEGRATING TICKET-GRANTING SERVICE INTO SESSION INITIATION PROTOCOL



(57) Abstract: In an authentication method for integrating ticket-granting service into session initiation protocol, a server provides session initiation protocol and ticket-granting services between a calling facility and a called facility, and the method includes enabling the calling facility to obtain a first ticket from the server, and subsequently issue an INVITE message containing the first ticket attached thereto to the server. If the server verifies that the first ticket be issued by the server itself, the server examines the registration status of the called facility in the server. If the status of the called facility is registered, identity authentication of the calling facility and called facility proceeds according to a predetermined ticket authentication procedure. If the authentication is successful, the called facility can establish a communication session with the calling facility.

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**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/JP2007/062369

**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. 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)  
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, INSPEC

<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 267 548 A (MICROSOFT CORP [US]) 18 December 2002 (2002-12-18)	1-3, 12-16, 21-34
A	paragraph [0002]; figures 4,6,9  paragraph [0021] - paragraph [0026] paragraph [0045] paragraph [0056] paragraph [0070]	4-11, 17-20
X	MANOJ WAGLE ROHIT ARADHAYA MOTOROLA: "An Out-of-Band authentication procedure for SIP; draft-wagle-sip-kerbpki-00.txt" IETF STANDARD-WORKING-DRAFT, INTERNET ENGINEERING TASK FORCE, IETF, CH, 10 November 2002 (2002-11-10), XP015005656 ISSN: 0000-0004 page 3, paragraph 4 - page 11, paragraph 5  ----- -/--	1,13,21, 29

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
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  - \*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

Date of the actual completion of the international search  <b>13 November 2007</b>	Date of mailing of the international search report  <b>22/11/2007</b>
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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  <b>Figiel, Barbara</b>
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INTERNATIONAL SEARCH REPORT

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	SEYIT AHMET ÇAMTEPE: "KERBEROS BASED SECURITY SYSTEM FOR SESSION INITIATION PROTOCOL" BOGAZIÇI UNIVERSITY, [Online] 1996, XP002458264 Retrieved from the Internet: URL:http://www.cs.rpi.edu/{camtes/papers/C amtepe_msthesis_2001.pdf>	21,29
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/JP2007/062369

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