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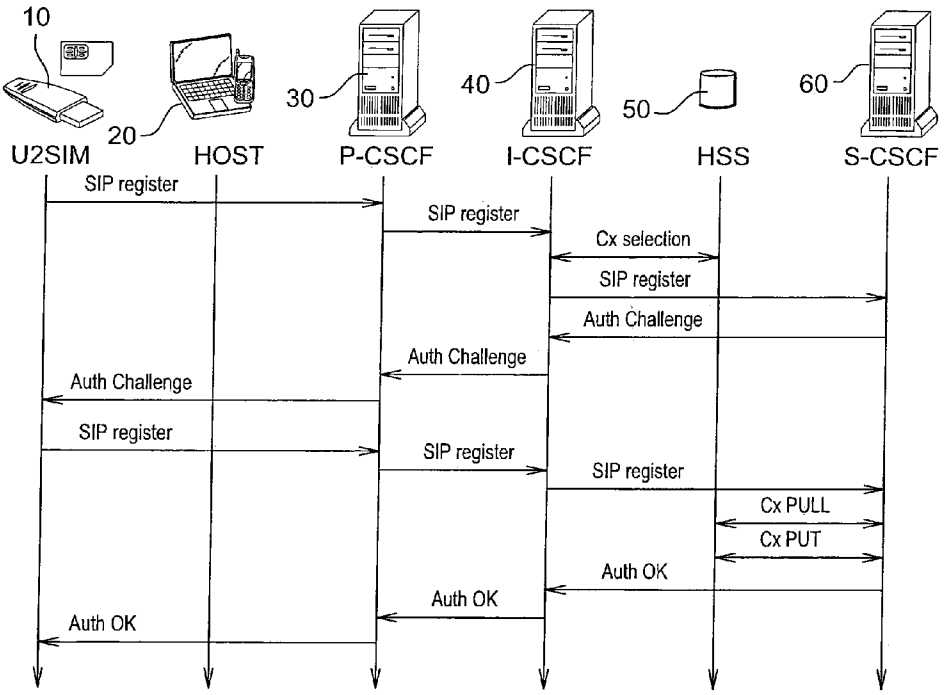
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(54) Title: A PERSONAL TOKEN HAVING ENHANCED SIGNALING ABILITIES




(57) Abstract: The invention relates to a personal token (10) comprising a microprocessor and a memory, said personal token (10) storing and running a software entity which constitutes an end-point for communication over the internet, characterized in that the software entity constitutes an end-point according to a signaling protocol over the internet which signaling protocol is of the type intended at initiating a session (20, 30, 40, 50, 60) of real-time conferencing between end-points.

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# INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F21/00 G07F7/10 H04L29/06 H04L29/08

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)
G06F G07F 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, WPI Data, IBM-TDB, COMPENDEX, 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 2004/107250 A (NOKIA CORP [FI]; NOKIA INC [US]) 9 December 2004 (2004-12-09)<br>abstract<br>page 1, line 28 - page 5, line 12<br>page 6, line 12 - page 9, line 19<br>page 11, line 9 - page 20, line 2 | 1-5,8,<br>10,11 |
| Y | figures 1-9 | 6,7,9,12 |
| X | WO 2005/029890 A (INNOVA S R L [IT]; NAVAZIO MICHELE [IT])<br>31 March 2005 (2005-03-31)<br>abstract<br>page 6, line 2 - page 17, line 13<br>figures 1-4 | 1,3,5,10 |

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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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. |
|---|---|---|
| Y | WO 2004/054302 A (ERICSSON TELEFON AB L M [SE]; CANALES VALENZUELA CAROLINA [ES]; SANCHE) 24 June 2004 (2004-06-24)<br>paragraph [0019] - paragraph [0031]<br>paragraph [0046] - paragraph [0062]<br>figure 5 | 6,7 |
| Y | WO 2005/083546 A (DANIEL SIMON RICHARD [GB]; WRIGHT CHRISTOPHER VERITY [GB])<br>9 September 2005 (2005-09-09)<br>abstract<br>page 7, line 8 - page 13, line 5<br>page 16, line 24 - page 20, line 21<br>figures 1-18 | 9 |
| Y | EP 1 610 521 A (SIEMENS MOBILE COMM SPA [IT]) 28 December 2005 (2005-12-28)<br>abstract<br>paragraph [0007] - paragraph [0008]<br>paragraph [0010] - paragraph [0018]<br>figures 1-3 | 12 |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/IB2007/001556

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---|---|---|
| WO 2004107250 A | 09-12-2004 | EP 1627481 A2 | 22-02-2006 |
| | | US 2004243680 A1 | 02-12-2004 |
| WO 2005029890 A | 31-03-2005 | AU 2003274700 A1 | 11-04-2005 |
| WO 2004054302 A | 24-06-2004 | AU 2002356639 A1 | 30-06-2004 |
| WO 2005083546 A | 09-09-2005 | EP 1721237 A1 | 15-11-2006 |
| | | US 2007279852 A1 | 06-12-2007 |
| EP 1610521 A | 28-12-2005 | AT 378771 T | 15-11-2007 |
| | | AU 2005259620 A1 | 12-01-2006 |
| | | WO 2006002750 A1 | 12-01-2006 |