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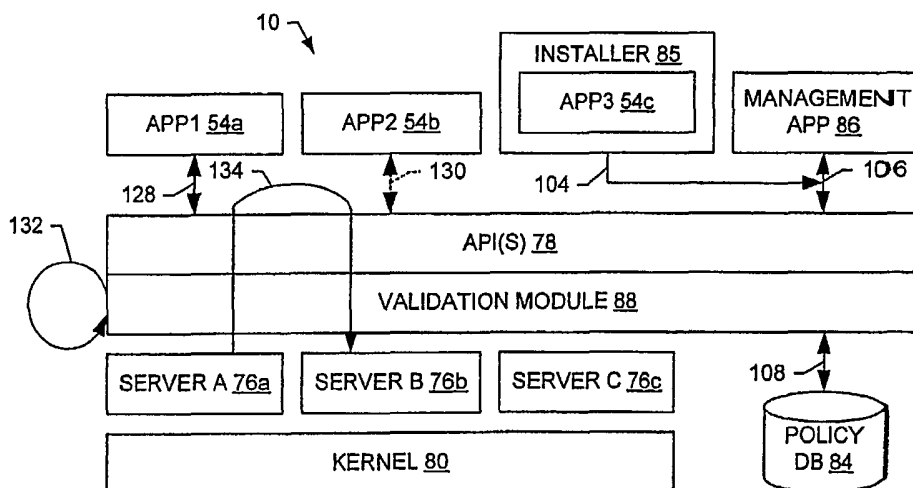
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(54) Title: TERMINAL, METHOD AND COMPUTER PROGRAM PRODUCT FOR VALIDATING A SOFTWARE APPLICATION



(57) Abstract: A terminal for validating a software application includes a processor capable of operating an operating system (OS) platform (e.g., SymbianTM OS platform), and capable of operating at least one software application above the OS platform. The software application(s) are associated with a permission record that includes permissions identifying services the software application is authorized to receive from the OS platform. The OS platform is capable of receiving a request, from a software application, for a service of the OS platform. The OS platform can determine if the software application is authorized to receive the requested service based upon the associated permission record. And if the software application is authorized, the OS platform is capable of providing the requested service to the software application.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2005/003077

A. CLASSIFICATION OF SUBJECT MATTER

IPC: see extra sheet

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)

IPC: G06F, H04L, G05B

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

SE,DK,FI,NO classes as above

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

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y | WO 0208873 A1 (MEDIADNA, INC), 31 January 2002 (31.01.2002), abstract -- | 6-7,13-14, 21-22 |
| X | US 5937159 A (MEYERS, W J ET AL), 10 August 1999 (10.08.1999), column 2, line 64 - column 3, line 9; column 4, line 12 - line 14, abstract | 1-5,8-12, 15-20,23 |
| Y | -- | 6-7,13-14, 21-22 |
| A | US 20030056102 A1 (AHO, M E ET AL), 20 March 2003 (20.03.2003) -- | 1-23 |

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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|-----------|---|-----------------------|
| A | EP 1349033 B1 (SOTERES GMBH), 31 March 2004 (31.03.2004) -- | 1-23 |
| A | US 6463535 B1 (DREWS, P C), 8 October 2002 (08.10.2002) -- | 1-23 |
| A | US 6149522 A (ALCORN, A E ET AL), 21 November 2000 (21.11.2000) -- ----- | 1-23 |

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| | | | | | | | |
|-------|-------------|----|------------|------|-------------|-----|------------|
| WO | 0208873 | A1 | 31/01/2002 | AU | 6371500 | A | 05/02/2002 |
| | | | | AU | 2000263715 | B | 04/11/2004 |
| | | | | BR | 0017287 | A | 24/06/2003 |
| | | | | CA | 2416304 | A | 31/01/2002 |
| | | | | CN | 1222854 | C | 12/10/2005 |
| | | | | CN | 1454338 | A | 05/11/2003 |
| | | | | EP | 1303802 | A | 23/04/2003 |
| | | | | HK | 1057115 | A | 23/12/2005 |
| | | | | JP | 2004505343 | T | 19/02/2004 |
| | | | | MX | PA03000727 | A | 26/03/2004 |
| ----- | | | | | | | |
| US | 5937159 | A | 10/08/1999 | NONE | | | |
| ----- | | | | | | | |
| US | 20030056102 | A1 | 20/03/2003 | NONE | | | |
| ----- | | | | | | | |
| EP | 1349033 | B1 | 31/03/2004 | SE | 1349033 | T3 | |
| | | | | AT | 263391 | T | 15/04/2004 |
| | | | | AU | 2003219022 | A | 00/00/0000 |
| | | | | DE | 60200323 | T | 24/02/2005 |
| | | | | ES | 2218484 | T | 16/11/2004 |
| | | | | HK | 1055486 | A | 00/00/0000 |
| | | | | JP | 2005535945 | T | 24/11/2005 |
| | | | | US | 20030188174 | A | 02/10/2003 |
| | | | | WO | 03081397 | A | 02/10/2003 |
| ----- | | | | | | | |
| US | 6463535 | B1 | 08/10/2002 | AU | 6289599 | A | 26/04/2000 |
| | | | | DE | 69923466 | D,T | 29/12/2005 |
| | | | | EP | 1119938 | A,B | 01/08/2001 |
| | | | | HK | 1036894 | A | 13/05/2005 |
| | | | | WO | 0021238 | A | 13/04/2000 |
| ----- | | | | | | | |
| US | 6149522 | A | 21/11/2000 | US | 6620047 | B | 16/09/2003 |
| | | | | US | 20040002381 | A | 01/01/2004 |
| | | | | AU | 6282096 | A | 30/01/1997 |
| | | | | CA | 2225805 | A,C | 16/01/1997 |
| | | | | CN | 1191644 | A | 26/08/1998 |
| | | | | EP | 0882339 | A | 09/12/1998 |
| | | | | JP | 2002515765 | T | 28/05/2002 |
| | | | | TR | 9701723 | T | 21/04/1998 |
| | | | | US | 5643086 | A | 01/07/1997 |
| | | | | US | 6106396 | A | 22/08/2000 |
| | | | | WO | 9701902 | A | 16/01/1997 |
| | | | | ZA | 9700320 | A | 22/09/1997 |