(19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 6 May 2004 (06.05.2004)

PCT

(10) International Publication Number WO 2004/038568 A3

G06F 1/00 (51) International Patent Classification⁷:

(21) International Application Number:

PCT/IB2003/004538

(22) International Filing Date: 15 October 2003 (15.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

02079390.7 22 October 2002 (22.10.2002)

(71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): KAMPERMAN, Franciscus, L., A., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHRIJEN, Geert, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) Agent: GROENENDAAL, Antonius, W., M.; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,

RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

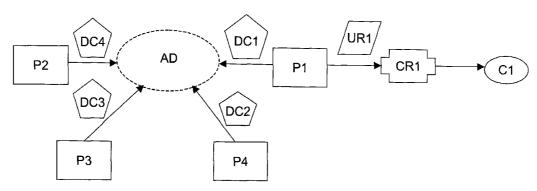
as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR. TT. TZ. UA. UG. UZ. VC. VN. YU. ZA. ZM. ZW. ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: METHOD AND DEVICE FOR AUTHORIZING CONTENT OPERATIONS



(57) Abstract: Methods of and devices (D1) for authorizing an operation requested by a first user (P2) on a content item (C1) in accordance with a user right (UR1). The user right may identify the first user or a second user (P1) and authorizes the user in question to perform the requested operation on the content item. If the user right identifies the second user, the operation is authorized upon receipt of information linking a user right of the first user and the user right of the second user. Preferably the information comprises one or more domain certificates (DC1, DC2) identifying the first and second users as members of the same authorized domain (AD). Preferably a content right (CR1) enabling the operation is used, whereby the user right authorizes the second user to employ the content right.





WO 2004/038568 A3



(88) Date of publication of the international search report: $$29\ \mathrm{July}\ 2004$

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

nal Application No PCT/IB 03/04538

CLASSIFICATION OF SUBJECT MATTER PC 7 G06F1/00 A. CLASS IPC 7 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 7 G06F 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 C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. χ WO 98/10381 A (SHEAR VICTOR H; WEBER 1 - 30ROBERT (US); WIE DAVID M VAN (US); INTERTRUST T) 12 March 1998 (1998-03-12) page 39, line 19 - page 40, line 17 page 42, line 19 - page 43, line 10 page 69, line 1 - page 70, line 23 page 89, line 2 page 191, line 1 - line 10 page 206, line 5 - line 7 page 207, line 3 - line 11 1,8,22, WO 01/76294 A (JONSSON DAN ; VATTENFALL AB χ (SE)) 11 October 2001 (2001-10-11) 23 page 2, line 24 - page 3, line 19 page 4, line 7 - page 8, line 3 page 9, line 3 - line 26 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. Χ ° Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date 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) involve an inventive step when the document is taken alone "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 docudocument referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 11/06/2004 3 June 2004

Authorized officer

Arbutina, L

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

INTERNATIONAL SEARCH REPORT

nal Application No
PCT/IB 03/04538

| | citation of document with indication, where appropriate of the relevant passages | Relovant to deim hts |
|------------|--|-----------------------|
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Х | "Call for proposals for content protection & copy management technologies" DVB CPT, 5 July 2001 (2001-07-05), XP002230687 page 4, paragraph 3; figure 1 page 5, paragraph 4.4 page 7, paragraph 5 page 8, paragraph 6.6 page 10, paragraph 8.5 page 11, paragraph 8.10 | 22-30 |
| X | WO 01/18628 A (MOSKOWITZ SCOTT A; BERRY MICHAEL (US); BLUE SPIKE INC (US)) 15 March 2001 (2001-03-15) page 3, line 17 - line 27 page 11, line 14 - page 12, line 3 page 20, line 3 - page 23, line 16 | 22-30 |
| X | WO 01/46786 A (LIQUID AUDIO INC) 28 June 2001 (2001-06-28) abstract page 3, line 3 - page 4, line 4 | 22-24 |
| X | WO 01/13198 A (PEARSON SIANI LYNNE; PROUDLER GRAEME JOHN (GB); HEWLETT PACKARD CO (U) 22 February 2001 (2001-02-22) abstract page 3, line 6 - page 5, line 30 page 27, line 1 - line 21 page 28, line 10 - line 15 page 29, line 23 - page 30, line 16 page 35, line 1 - page 36, line 4 | . 22–30 |
| X | WO 02/01330 A (MICROSOFT CORP) 3 January 2002 (2002-01-03) page 2, line 13 - page 4, line 4 page 8, line 15 - page 9, line 21 | 22-30 |
| | | |
| | | |

1

INTERNATIONAL SEARCH REPORT

Ir 1al Application No PCT/IB 03/04538

| Patent document cited in search report | Publica date | | Patent family member(s) | | Publication date |
|---|-----------------|---|--|---------------------------------------|--|
| WO 9810381 | A 12-03 | 3-1998 WO AU AU CA CN EP EP JP JP WO | 9810381 3205797 7106296 2264819 1225739 0974129 0898777 2000516743 2001501763 9743761 | A A1 A ,C A1 A2 T | 12-03-1998 05-12-1997 26-03-1998 12-03-1998 11-08-1999 26-01-2000 03-03-1999 12-12-2000 06-02-2001 20-11-1997 |
| WO 0176294 | A 11–10 | 0-2001 SE AU SE WO | 516211 4298101 0001139 0176294 | A A | 03-12-2001 15-10-2001 01-10-2001 11-10-2001 |
| WO 0118628 | A 15-0 | 3-2001 WO | 0118628 | A2 | 15-03-2001 |
| WO 0146786 | A 28-00 | 6-2001 AU EP JP WO | 1432301 1240568 2003518351 0146786 | A1 T | 03-07-2001 18-09-2002 03-06-2003 28-06-2001 |
| WO 0113198 | A 22-0 | 2-2001 EP DE DE EP EP WO WO JP | 1076279 60002893 60002893 1203278 1204910 0113198 0113199 2003507784 2003507785 | D1 T2 A1 A1 A1 A1 T | 14-02-2001 26-06-2003 13-05-2004 08-05-2002 15-05-2002 22-02-2001 22-02-2001 25-02-2003 25-02-2003 |
| WO 0201330 | A 03-0 | 1-2002 AU WO | 6683601 0201330 | | 08-01-2002 03-01-2002 |