

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
28 June 2007 (28.06.2007)

PCT

(10) International Publication Number
WO 2007/072369 A3

(51) International Patent Classification:

H04N 5/445 (2006.01)

(21) International Application Number:

PCT/IB2006/054873

(22) International Filing Date:

14 December 2006 (14.12.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/752,092 20 December 2005 (20.12.2005) US

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

(71) Applicant (for AE only): U.S. PHILIPS CORPORATION [US/US]; 1251 Avenue of the Americas, New York, NY 10020 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): GIDALOV, Nikola [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(74) Common Representative: KONINKLUKE PHILIPS ELECTRONICS, N.V.; c/o Daniel J. Piotrowski, P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

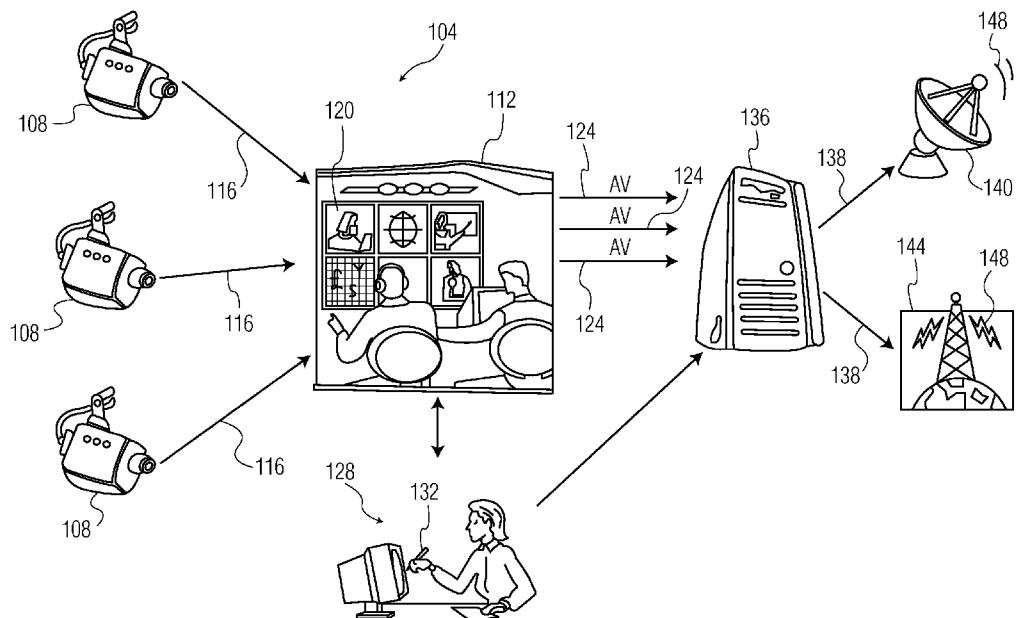
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT,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

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(U))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Ui))

[Continued on next page]

(54) Title: NOTIFICATION OF A LIVE EVENT ON TELEVISION



(57) **Abstract:** Specific occurrences corresponding to preferences of a user are subscribed to and recorded (216, 228, 320). A broadcasted signal (212) carrying a live event monitored for a subscribed-to occurrence is received. Upon detection of the occurrence, a notification message is received (S504). At that time, a comparison is made between the received message and the recorded occurrences to filter out part of or the whole message based on lack of match between the recorded occurrences and content of the message (S516, S520). The user may be notified and/or the broadcasted signal may be processed in the event of a match (S540).

WO 2007/072369 A3



Published:

— with international search report

(88) Date of publication of the international search report:

18 October 2007

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

International application No

PCT/IB2006/054873

A. CLASSIFICATION OF SUBJECT MATTER
INV. H04N5/445

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)
H04N

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

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim IMO |
|-----------|---|---|
| X | US 2004/064835 A1 (BELLWOOD ET AL) 1 April 2004 (2004-04-01) | 1-4, 6-8, 10-12, 15-17, 19, 21 |
| A | paragraph [0009] - paragraph [0013] paragraph [0027] - paragraph [0028] paragraph [0032] - paragraph [0039] paragraph [0065] - paragraph [0078] figures 1-5, 8, 9 ----- -/- | 5, 9, 13, 14, 18, 20 |

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

"P" document published prior to the international filing date but later than the priority date claimed

"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 invention

"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to 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 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 | Date of mailing of the International search report |
| 20 June 2007 | 28/06/2007 |
| 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 Fragua, Miguel Angel |

INTERNATIONAL SEARCH REPORT

| |
|------------------------------|
| International application No |
| PCT/IB2006/054873 |

C(Continuation), DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------------|
| X | US 2005/086687 A1 (OMOIGUI) 21 April 2005 (2005-04-21) paragraph [0008] - paragraph [0009] paragraph [0032] - paragraph [0038] paragraph [0044] paragraph [0053] - paragraph [0067] paragraph [0077] - paragraph [0082] paragraph [0093] - paragraph [0100] figures 1-12 ----- | 1-8,10, 12-19,21 |
| A | | 9,11,20 |
| X | US 2004/205698 A1 (SCHLIESMANN ET AL) 14 October 2004 (2004-10-14) paragraph [0006] paragraph [0018] - paragraph [0026] paragraph [0029] paragraph [0038] paragraph [0045] figures 1,9,10 ----- | 1-4,6-8, 15-17, 19,21 |
| A | | 5,9-14, 18,20 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2006/054873

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|--|------------------|-------------------------|------------------|
| US 2004064835 | A1 01-04-2004 | NONE | |
| us 2005086687 | A1 21-04-2005 | US 2005086688 A1 | 21-04-2005 |
| us 2004205698 | A1 14-10-2004 | NONE | |