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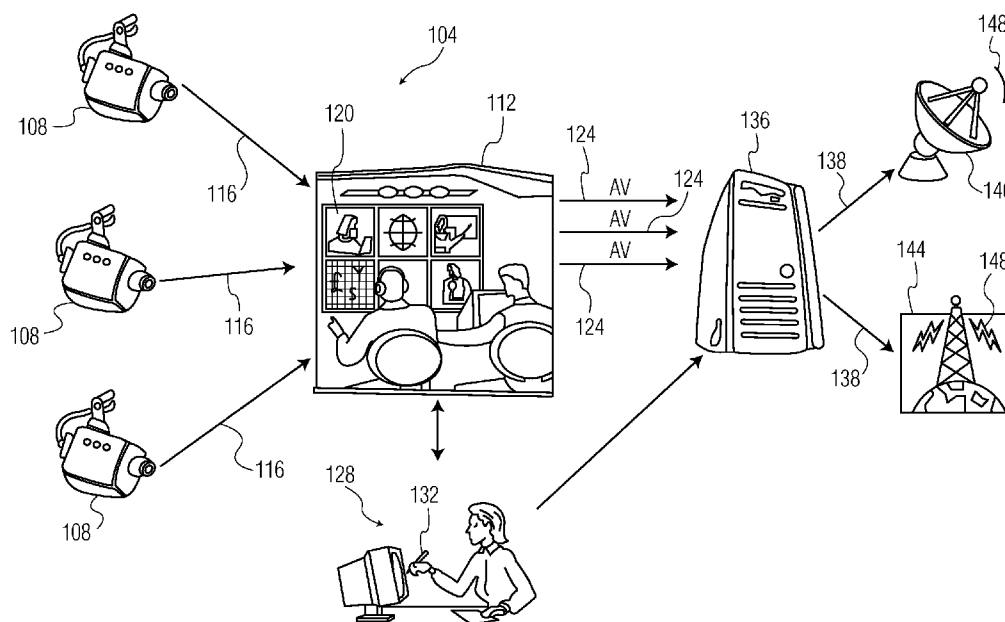
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Declarations under Rule 4.17:

- 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).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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)
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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

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"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

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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	US 2005/086687 A1 (OMOIGUI) 21 April 2005 (2005-04-21) paragraph [0008] - paragraph [0009] paragraph [0032] - paragraph [0038]	1-8, 10, 12-19, 21
A	paragraph [0044] paragraph [0053] - paragraph [0067] paragraph [0077] - paragraph [0082] paragraph [0093] - paragraph [0100] figures 1-12	9, 11, 20
X	US 2004/205698 A1 (SCHLIESMANN ET AL) 14 October 2004 (2004-10-14) paragraph [0006] paragraph [0018] - paragraph [0026]	1-4, 6-8, 15-17, 19, 21
A	paragraph [0029] paragraph [0038] paragraph [0045] figures 1, 9, 10	5, 9-14, 18, 20

INTERNATIONAL SEARCH REPORT

Information on patent family members

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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	