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AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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(54) Title: VIDEO CONFERENCING SYSTEMS

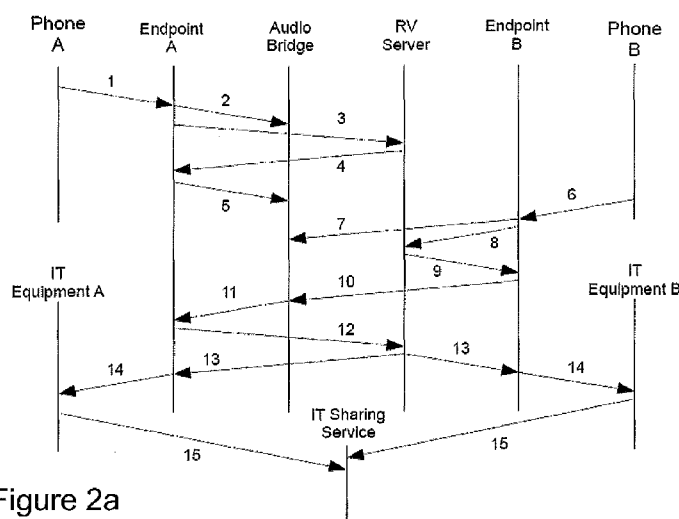


Figure 2a

(57) **Abstract:** We describe a system for automatic setup of an audio/computer teleconference. The system comprises node units each having a phone connection, a telephone network connection, at least one computer network connection; and a system control server. The node unit comprises code to: transmit an outgoing audio announce message into a potential conference call via said telephone network audio connection, identifying the node unit; receive via the network audio connection an incoming audio announce message from a conference call to which the node unit is already connected; determine from the incoming message, an identifier for a remote node unit connecting to the conference call; and transmit to the server, via the computer network, identifiers for the local and remote node units. The server comprises code to: receive the node unit identifiers and provide computer equipment connection data to computer equipment at node.

INTERNATIONAL SEARCH REPORT

International application No

PCT/GB2012/051262

A. CLASSIFICATION OF SUBJECT MATTER
INV. H04N7/14 H04M7/00
ADD.

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 H04M

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 practicable, 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 No.
X	US 2004/239754 A1 (SHACHAR YAIR [IL] ET AL) 2 December 2004 (2004-12-02) abstract figures 8, 9b paragraphs [0078] - [0083] -----	1-24
X	US 2003/088619 A1 (BOUNDY MARK N [US]) 8 May 2003 (2003-05-08) abstract figures 1,2 paragraphs [0004] - [0008] paragraphs [0034] - [0036] -----	1-24



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 application or patent 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

24 October 2012

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2012/051262

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-24

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-24

Establishment of a digital video connection during an audio conference session on regular telephone network by exchanging participants' data.

2. claims: 25-37

A method for lip-synchronisation during a video conference in which video and audio are transmitted using two separate channels.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2012/051262

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2004239754 A1	02-12-2004	EP 1578084 A2	21-09-2005
		IL 167420 A	30-06-2010
		US 2004239754 A1	02-12-2004

US 2003088619 A1	08-05-2003	CA 2371192 A1	02-05-2003
		US 2003088619 A1	08-05-2003
