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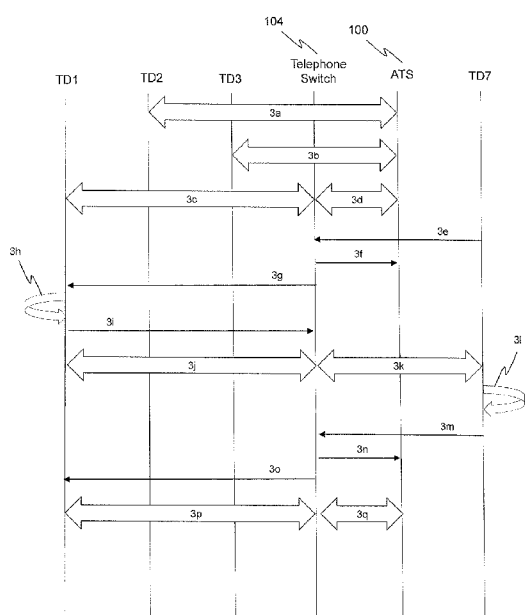
(54) Title: MULTI-PARTY TELECONFERENCE METHODS AND SYSTEMS

FIG. 3

(57) Abstract: A first call leg (3c, 3d) for transmittal of audio data associated with a multi-party teleconference call is established between a first telephony device (TD1) and a multi-party teleconference service (ATS, 100). The multi-party teleconference service is capable of connecting the first telephony device (TD1) with at least two other telephony devices (TD2, TD3) during the multi-party teleconference call. State information indicating that the multi-party teleconference call is of a second call type is stored, the call type is either an interruptible or an uninterruptible call. During the multi-party teleconference call, an incoming telephone call setup request (3e, 3f) for the first telephony device (TD1) is received which is associated with an incoming telephone call of a first call type from a further telephony device (TD7) which is not a participant in the multi-party teleconference call. The incoming telephone call setup request and the multi-party teleconference call are handled in accordance with the stored state information indicating that the multi-party teleconference call is of the second call type. Further inventions include sub-conferencing as well as controlling the mixing of the conference participants using voice recognition and predetermined words or phrases.

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2012/051433

A. CLASSIFICATION OF SUBJECT MATTER
INV. H04M3/56 H04M3/38
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)
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 2008/159490 A1 (GAUDIN ERIC [FR] ET AL) 3 July 2008 (2008-07-03) paragraph [0006] - paragraph [0009] paragraph [0028] - paragraph [0072] figures 3-5 -----	1-14, 30-32



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

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2012/051433

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.:
1-14, 30-32

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: 1-14, 30-32

Handling an incoming call to a multiparty conference
depending on the call type

2. claims: 15-25

Multiparty conference which mixes audio in such a way as to
allow subconferencing and in which the volume adjustment of
the first and second conferences is set differently

3. claims: 26-29

Multiparty conference method that allows the control of the
mixing mode when predetermined words or phrases are uttered

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2012/051433

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2008159490	A1	03-07-2008	NONE
