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(54) Title: AUDIO/VIDEO CONFERENCE IMPLEMENTATION METHOD, AUDIO/VIDEO CONFERENCE SYSTEM AND RELATED APPARATUS

(54) 发明名称: 音视频会议实现方法、音视频会议系统及相关装置

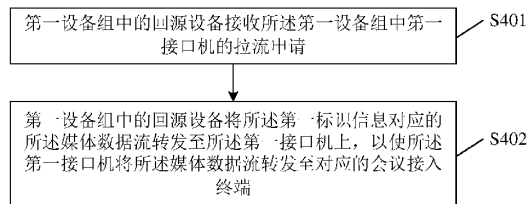


图 4a

- S401 An origin-pull device in a first device group receives a stream pull application from a first interface machine in the first device group
- S402 The origin-pull device in the first device group forwards a media data stream corresponding to first identifier information to the first interface machine, so that the first interface machine forwards the media data stream to a corresponding conference access terminal

(57) Abstract: Disclosed in the present application are an audio/video conference implementation method, an audio/video conference system and a related apparatus. The present application relates to a plurality of device groups, each of the device groups comprises a plurality of interface machines, and each interface machine is connected to a conference access terminal, such that the conference access terminal accesses a conference room by means of the interface machine. Conference access terminals are distributed to different interface machines, and load sharing is performed by means of a plurality of interface machines, so as to support a large-scale conference. There is an origin-pull device in each device group, and the origin-pull device accesses a conference room by means of a second interface machine and generates a media data stream. An origin-pull device in each device group, e.g. a first device group, receives a stream pull application from a first interface machine in the first device group, and then forwards a media data stream corresponding to first identifier information to the first interface machine, such that the first interface machine forwards the media data stream to a corresponding conference access terminal. The data delivery pressure is shared by means of an origin-pull device, which is conducive

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to supporting a super-large-scale conference, such that microphones or cameras can be turned on at the same time, redirection is not required, and the experience is smooth.

(57) 摘要: 本申请公开音视频会议实现方法、音视频会议系统及相关装置, 本申请涉及多个设备组, 每个设备组中包括多个接口机, 每个接口机连接会议接入终端, 使会议接入终端通过接口机接入会议房间。将会议接入终端分散到不同接口机, 通过多个接口机分担负载, 实现支持大规模会议。每个设备组中存在回源设备, 通过第二接口机接入会议房间产生媒体数据流, 每个设备组例如第一设备组中的回源设备在接收到第一设备组中第一接口机的拉流申请后, 将第一标识信息对应的媒体数据流转发至第一接口机上, 第一接口机将媒体数据流转发至对应的会议接入终端。通过回源设备分担数据分发压力, 便于支持超大规模会议, 能够同时开麦或开视频, 无需重定向, 体验顺滑。