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(54) Title: A BUS POWERED DEVICE

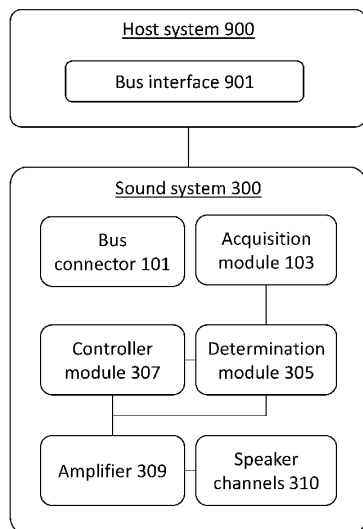


FIG. 3

(57) Abstract: In some aspects, a bus powered sound system include an amplifier, a bus connector, an acquisition module, a determination module and a controller module. The bus connector is configured for connecting to an interface of a host system to provide power to the amplifier. The acquisition module is configured to acquire a type of the interface of the host system and an available power of the host system. The determination module is configured to communicate with the acquisition module and determine a power level to be distributed from the host system to the amplifier based on the type of the interface and the available power of the host system. The controller module is configured to communicate with the determination module and distribute the determined power level to one or more channels of the sound system.

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