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(54) Title: ISOLATOR DEVICE FOR PASSING THROUGH A SIGNAL

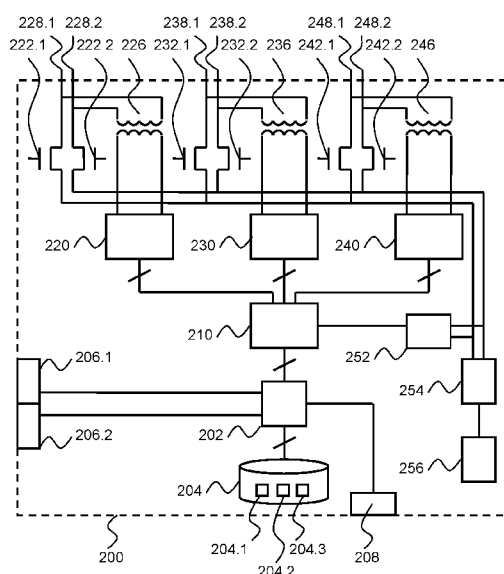


Fig. 2

(57) Abstract: Isolator devices for a class A evacuation system are provided. The isolators each have specific address in the system. This allows the isolators to report individually with address information and status information, for example related to errors in the system and the device in particular. In an embodiment, a speaker can be connected to the device. This allows the speaker to be addressed individually so dedicated information like alarms and spoken messages can be sent to specific speakers. Dedicated isolators are available for announcing, powering the network and routing network traffic. Routers provide a possibility to create multiple loops, reducing wiring and increasing redundancy. By sending data in different branches by means of spread spectrum modulation, more data can be sent and effects of cross-talk between branches is highly reduced.



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