

Title (en)

MASTER UNIT FOR AUTOMATIC FIRE ALARM SYSTEM AND AUTOMATIC FIRE ALARM SYSTEM

Title (de)

MASTER-EINHEIT FÜR AUTOMATISCHES BRANDMELDERSYSTEM UND AUTOMATISCHES BRANDMELDERSYSTEM

Title (fr)

UNITÉ MAÎTRESSE DE SYSTÈME D'ALARME D'INCENDIE AUTOMATIQUE ET SYSTÈME D'ALARME D'INCENDIE AUTOMATIQUE

Publication

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Application

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Priority

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- JP 2016003964 W 20160831

Abstract (en)

[origin: EP3349196A1] An object of the present invention is to provide an automatic fire alarm system master device and automatic fire alarm system that would reduce the chances of causing interference between response signals transmitted from a plurality of slave devices and also provide an automatic fire alarm system slave device configured to transmit a response signal to cause interference much less frequently. A master device (20) according to the present invention includes a transmitter (24), a transmission controller (274), a receiver (23), and a reception controller (273). The transmission controller (274) makes the transmitter (24) transmit a synch signal every time a predetermined amount of time passes. Sixteen slave devices (10) are connected to a pair of cables (51, 52). The slave devices (10) transmit their respective response signals after their respective waiting times, varying their length from one slave device (10) to another, have passed since reception of the synch signal. The reception controller (273) makes the receiver (23) receive the respective response signals from the slave devices (10) during their respective reception periods after their respective waiting times have passed since transmission of the synch signal by the transmitter (24). The predetermined amount of time is long enough to allow the response signals to fall within their respective reception periods.

IPC 8 full level

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