

Title (en)

AUTOMATIC FIRE ALARM SYSTEM AND BASE DEVICE FOR AUTOMATIC FIRE ALARM SYSTEM

Title (de)

AUTOMATISCHES FEUERALARMSYSTEM UND BASISVORRICHTUNG FÜR AUTOMATISCHES FEUERALARMSYSTEM

Title (fr)

SYSTÈME D'ALARME INCENDIE AUTOMATIQUE ET DISPOSITIF DE BASE POUR SYSTÈME D'ALARME INCENDIE AUTOMATIQUE

Publication

EP 3133568 A4 20170419 (EN)

Application

EP 15780162 A 20150408

Priority

- JP 2014086871 A 20140418
- JP 2015001973 W 20150408

Abstract (en)

[origin: EP3133568A1] Second slave unit (4) transmits a downlink current signal by changing an electric current flowing in from a pair of electrical wires (51, 52). Resistor (22) in master unit (2) is provided between voltage applicator (21) and a pair of electrical wires (51, 52) and limits an electric current that flows through a pair of electrical wires (51, 52) when the pair of electrical wires (51, 52) is short-circuited by first slave unit (3). Receiver (23) in master unit (2) receives a downlink voltage signal resulting from conversion of the downlink current signal into a change in voltage in the pair of electrical wires (51, 52) by a voltage drop at resistor (22).

IPC 8 full level

G08B 17/00 (2006.01); **G08B 17/10** (2006.01)

CPC (source: EP)

G08B 17/00 (2013.01); **G08B 25/04** (2013.01)

Citation (search report)

- [Y] JP 2011243106 A 20111201 - HOCHIKI CO
- [Y] JP 2002109649 A 20020412 - HOCHIKI CO
- [Y] JP 2003109138 A 20030411 - NOHMI BOSAI LTD
- See references of WO 2015159510A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3133568 A1 20170222; EP 3133568 A4 20170419; EP 3133568 B1 20200715; JP 2015207124 A 20151119; JP 6365971 B2 20180801; WO 2015159510 A1 20151022

DOCDB simple family (application)

EP 15780162 A 20150408; JP 2014086871 A 20140418; JP 2015001973 W 20150408