Title (en)

ALARM SYSTEM, EXTERNAL APPLIANCE, DISPLAY METHOD, PROGRAM

Title (de)

ALARMSYSTEM, EXTERNE ANWENDUNG, ANZEIGEVERFAHREN UND PROGRAMM

Title (fr)

SYSTÈME D'ALARME, APPAREIL EXTERNE, PROCÉDÉ D'AFFICHAGE, PROGRAMME

Publication

EP 4191556 A1 20230607 (EN)

Application

EP 22207733 A 20221116

Priority

JP 2021196371 A 20211202

Abstract (en)

A technology of providing information for determining the position where the alarm should be constructed to build a multihop network. An n+lth fire alarm 600n+1, an n+2th fire alarm 600n+2, and an n+3 fire alarm 600n+3 form a multihop network extending from a relay device 700. The n+lth fire alarm 600n+1, the n+2th fire alarm 600n+2, and the n+3 fire alarm 600n+3 derive, by exchanging information on quality of link with other fire alarms around, a cost for a relay route for communicating with the relay device 700 via the other alarms around and then selects a relay route based on the cost. The n+lth fire alarm 600n+1, the n+2th fire alarm 600n+2, and the n+3 fire alarm 600n+3 transmit information relating to the relay route to an external appliance 900.

IPC 8 full level

G08B 25/10 (2006.01); **G08B 25/00** (2006.01); **H04W 40/10** (2009.01); **H04W 40/12** (2009.01)

CPC (source: EP)

G08B 25/10 (2013.01); G08B 25/009 (2013.01)

Citation (applicant)

JP 2011035468 A 20110217 - PANASONIC ELEC WORKS CO LTD

Citation (search report)

- [Y] KR 20200118602 A 20201016 - NEXUSTECH CO LTD [KR]
- [Y] US 2010091669 A1 20100415 - LIU HANG [US], et al
- [Y] JP 2014071563 A 20140421 - PANASONIC CORP

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 22207733 A 20221116; JP 2021196371 A 20211202