

Title (en)

FIRE DISCRIMINATION BY TEMPORAL PATTERN ANALYSIS

Title (de)

BRANDUNTERSCHIEDUNG DURCH ZEITLICHE MUSTERANALYSE

Title (fr)

DISCRIMINATION DES INCENDIES PAR ANALYSE DES MODÈLES TEMPORELS

Publication

EP 4160563 A1 20230405 (EN)

Application

EP 21382886 A 20211001

Priority

EP 21382886 A 20211001

Abstract (en)

A method of fire detection and a fire system are described. The method of fire detection comprises: detecting a possible fire event using one or more sensors (3, 4; 23, 24); generating a temporal log of the possible fire event based on data from the one or more sensors (3, 4; 23, 24); examining the temporal log to identify a source of the possible fire event; and determining an action to be taken based on the identified source of the possible fire event, wherein examining the temporal log comprises detecting a temporal signature in the temporal log using pattern recognition, the temporal signature being one of a plurality of temporal signatures corresponding to a plurality of known sources.

IPC 8 full level

G08B 17/103 (2006.01); **G08B 17/10** (2006.01); **G08B 29/18** (2006.01)

CPC (source: EP)

G08B 17/10 (2013.01); **G08B 17/103** (2013.01); **G08B 29/185** (2013.01)

Citation (search report)

- [XY] WO 2018222905 A1 20181206 - GONZALES ERIC V [US]
- [Y] CN 110102001 B 20210409

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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