

Title (en)
SMOKE DETECTION SYSTEM

Title (de)
RAUCHMELDESYSTEM

Title (fr)
SYSTÈME DE DÉTECTION DE FUMÉE

Publication
EP 3825972 A1 20210526 (EN)

Application
EP 19210470 A 20191120

Priority
EP 19210470 A 20191120

Abstract (en)
Disclosed is a smoke detector system (400, 600) comprising: a computer (404), and a group of smoke detectors (402, 402', 402''), and a personal mobile computing device (200, 200', 200''). The personal mobile computing device is configured to connect to the computer via a wireless internet connection (414, 414', 414'') and comprises a first wireless communication module (208). The group of smoke detectors that comprise a second wireless communication module (112). The group of smoke detectors are configured for performing a self-test. The group of smoke detectors are configured for acquiring self-test data (124, 124', 124'') measured during the self-test. The personal mobile computing device is configured for directly forming a wireless communication channel (412, 412', 412'') with the group of smoke detectors. The personal mobile computing device is configured for requesting the self-test (122) from the group of smoke detectors via the wireless communication channel. The personal mobile computing device is configured for receiving the self-test data from the group of smoke detectors via the wireless communication channel in response to requesting the self-test. The personal mobile computing device is configured for sending the self-test data to the computer via the wireless internet connection.

IPC 8 full level
G08B 17/00 (2006.01); **G08B 25/10** (2006.01); **G08B 29/00** (2006.01); **G08B 29/14** (2006.01)

CPC (source: EP)
G08B 17/00 (2013.01); **G08B 25/10** (2013.01); **G08B 29/145** (2013.01); **G08B 29/181** (2013.01)

Citation (applicant)
WO 2019079862 A1 20190502 - DILIGENT FIRE & SAFETY PTY LTD [AU]

Citation (search report)
• [X] US 2018114431 A1 20180426 - VOLAM PRAVEEN KUMAR [IN], et al
• [I] US 2019088109 A1 20190321 - NORTON ALEXANDRA K [US], et al
• [A] US 2015097689 A1 20150409 - LOGUE JAY [US], et al

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 3825972 A1 20210526; EP 3825972 B1 20230308

DOCDB simple family (application)
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