

Title (en)
FIRE MONITORING AND SUPPRESSION SYSTEM

Title (de)
BRANDÜBERWACHUNGS- UND UNTERDRÜCKUNGSSYSTEM

Title (fr)
SYSTÈME DE SURVEILLANCE ET D'EXTINCTION DES INCENDIES

Publication
EP 4076685 A4 20240117 (EN)

Application
EP 20903851 A 20201118

Priority
• US 201916719492 A 20191218
• US 2020061044 W 20201118

Abstract (en)
[origin: WO2021126450A1] A system for detecting and extinguishing fires occurring within a predetermined observation area in response to commands received from a monitoring center. The system includes a source of fire retardant liquid and a monitor for selectively directing liquid to the observation area. A valve is disposed in fluid communication between the source and the monitor and is selectively movable between a closed position wherein liquid is prevented from flowing through the valve, and an open position wherein liquid can flow through the valve. An infrared camera generates a signal in response to temperature changes occurring in the observation area. A network switch is provided for communicating with the monitoring center. A control unit in communication with the valve, the camera, and the network switch relays the signal to the monitoring center and moves the valve between the positions in response to commands received from the monitoring center.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [X] US 2016271434 A1 20160922 - DUSING JEREMY DOUGLAS [US], et al
• [X] WO 2018175495 A1 20180927 - OY HALTON GROUP LTD [US]
• [X] US 2017246487 A1 20170831 - LIVCHAK ANDREY V [US], et al
• See also references of WO 2021126450A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2021126450 A1 20210624; AU 2020409128 A1 20220630; EP 4076685 A1 20221026; EP 4076685 A4 20240117; MX 2022007468 A 20220825

DOCDB simple family (application)
US 2020061044 W 20201118; AU 2020409128 A 20201118; EP 20903851 A 20201118; MX 2022007468 A 20201118