

Title (en)  
HIGH SENSITIVITY FIBER OPTIC BASED DETECTION SYSTEM

Title (de)  
AUF HOCHEMPFFINDLICHER FASEROPTIK BASIERENDES DETEKTIONSSYSTEM

Title (fr)  
SYSTÈME DE DÉTECTION À BASE DE FIBRES OPTIQUES À HAUTE SENSIBILITÉ

Publication  
**EP 3821416 A2 20210519 (EN)**

Application  
**EP 19746259 A 20190711**

Priority  
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• CN 2018095540 W 20180713  
• US 2019041375 W 20190711

Abstract (en)  
[origin: WO2020014462A2] A system for locating a detection system within a predetermined area includes a fiber optic harness defining at least one node in communication with the predetermined area. Light is received at the at least one node. At least one emitter is arranged in communication with the at least one node. A control system is operably coupled to the at least one emitter and the at least one node to determine a physical location of the at least one node relative to the predetermined area.

IPC 8 full level  
**G08B 17/107** (2006.01); **G08B 25/00** (2006.01); **G08B 25/14** (2006.01); **G08B 29/14** (2006.01); **G08B 29/20** (2006.01)

CPC (source: EP)  
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Citation (search report)  
See references of WO 2020014462A2

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

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**US 2019041375 W 20190711**; EP 19746259 A 20190711