

Title (en)  
SYSTEM AND METHOD FOR DETECTION OF VAPORIZED AEROSOLS

Title (de)  
SYSTEM UND VERFAHREN ZUR DETEKTION VON VERDAMPFTEN AEROSOLEN

Title (fr)  
SYSTÈME ET PROCÉDÉ DE DÉTECTION D'AÉROSOLS VAPORISÉS

Publication  
**EP 4051390 A4 20240214 (EN)**

Application  
**EP 20882343 A 20201103**

Priority

- US 201962929888 P 20191103
- US 201962929893 P 20191103
- US 202017001994 A 20200825
- US 202017072892 A 20201016
- US 2020058635 W 20201103

Abstract (en)  
[origin: WO2021087495A1] A vaporized aerosol detection system is presented herein. The system can include a motion sensor that is configured to detect movement in a predetermined or desired area. Further, the motion sensor can be configured to generate a detection signal in response to one or more detected objects in the area. The system can also include a particle sensor electronically coupled to the motion sensor. The particle sensor can be configured to detect a particle count of the area when the objects are detected by the motion sensor. Further, the system can include a housing configured to enclose at least a portion of the motion sensor and particle sensor.

IPC 8 full level  
**A62B 27/00** (2006.01); **A24F 40/00** (2020.01); **G01N 1/22** (2006.01); **G01N 15/06** (2024.01); **G01N 33/00** (2006.01); **G01N 33/94** (2006.01); **G08B 21/12** (2006.01); **G01N 15/00** (2024.01)

CPC (source: EP)  
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Citation (search report)

- [X1] WO 2018190003 A1 20181018 - SHARP KK [JP] & US 11530834 B2 20221220 - FUJII KATSUSHI [JP], et al
- See also references of WO 2021087495A1

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

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