

Title (en)

COMBUSTIBLE GAS SENSING ELEMENT WITH CANTILEVER SUPPORT

Title (de)

ELEMENT ZUR ERFASSUNG VON BRENNBAREM GAS MIT FREITRAGENDEM TRÄGER

Title (fr)

ÉLÉMENT DE DÉTECTION DE GAZ COMBUSTIBLE À SUPPORT EN PORTE-À-FAUX

Publication

**EP 3510386 A4 20200422 (EN)**

Application

**EP 17849250 A 20170731**

Priority

- US 201662384798 P 20160908
- US 201662384803 P 20160908
- US 201662385688 P 20160909
- US 201662397587 P 20160921
- US 201662409706 P 20161018
- US 201762463230 P 20170224
- US 201715491311 A 20170419
- US 2017044735 W 20170731

Abstract (en)

[origin: WO2018048517A1] A catalytically activated combustible gas sensing element includes a filament of resistance wire forming a coil, wherein a first end of the resistance wire is attached to a first support post and a second end of the resistance wire is attached to a second support post, a cantilever support supporting the coil, wherein the cantilever support is attached to a third support post, and a catalytic bead substantially surrounding the coil and cantilever.

IPC 8 full level

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CPC (source: EP)

**G01N 27/16** (2013.01); **G01N 33/0014** (2013.01); **G01N 33/0063** (2013.01)

Citation (search report)

- [I] JP 3485213 B2 20040113
- [I] US 2014348708 A1 20141127 - ZANELLA SR MARK FLORI [US]
- See references of WO 2018048517A1

Cited by

US10557839B2; US11246187B2; US10690622B2; US10690623B2; US11096116B2; US11096117B2; US11115906B2; US11202247B2; US11412441B2; US11582681B2; US11722949B2; US12035222B2

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DOCDB simple family (publication)

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