

Title (en)

SMOKE DETECTOR CHAMBER ARCHITECTURE AND RELATED METHODS

Title (de)

RAUCHDETEKTORKAMMERARCHITEKTUR UND ZUGEHÖRIGE VERFAHREN

Title (fr)

ARCHITECTURE DE CHAMBRE DE DÉTECTEUR DE FUMÉE ET PROCÉDÉS ASSOCIÉS

Publication

EP 3295439 A4 20190123 (EN)

Application

EP 16796940 A 20160509

Priority

- US 201514713770 A 20150515
- US 201514713975 A 20150515
- US 2016031530 W 20160509

Abstract (en)

[origin: WO2016186884A1] Various embodiments of a smoke chamber for a smoke detector and associated methods are presented. Such a smoke chamber may include a housing, having a first portion and a second portion. The first portion may be through which an electromagnetic sensor and two or more electromagnetic emitters interact with an airspace within the housing. The second portion may have an airflow surface that at least partially defines a curved airflow path between the airspace within the housing and an external environment. The curved airflow path may curve radially outward.

IPC 8 full level

G08B 17/10 (2006.01); **G08B 17/103** (2006.01)

CPC (source: CN EP)

G08B 17/103 (2013.01 - CN EP); **G08B 17/107** (2013.01 - CN EP)

Citation (search report)

- [Y] EP 0257325 A1 19880302 - SIEMENS AG [DE]
- [Y] GB 2251067 A 19920624 - E I COMPANY LIMITED [IE]
- [A] US 4121110 A 19781017 - SOLOMON ELIAS E
- See references of WO 2016186884A1

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

DOCDB simple family (publication)

WO 2016186884 A1 20161124; CN 107533787 A 20180102; CN 107533787 B 20191018; CN 110766906 A 20200207;
CN 110766906 B 20210330; EP 3295439 A1 20180321; EP 3295439 A4 20190123; EP 3295439 B1 20200506; EP 3699882 A1 20200826

DOCDB simple family (application)

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