

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 A1 20180321 (EN)**

Application

**EP 16796940 A 20160509**

Priority

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- 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

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CPC (source: CN EP)

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BA ME

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**US 2016031530 W 20160509**; CN 201680020563 A 20160509; CN 201910916420 A 20160509; EP 16796940 A 20160509; EP 20164982 A 20160509