

Title (en)

SYSTEM AND METHOD FOR CHAMBERLESS SMOKE DETECTION AND INDOOR AIR QUALITY MONITORING

Title (de)

SYSTEME UND VERFAHREN ZUR KAMMERLOSEN RAUCHERKENNUNG UND ÜBERWACHUNG DER RAUMLUFTQUALITÄT

Title (fr)

SYSTÈMES ET PROCÉDÉS DE DÉTECTION DE FUMÉE SANS CHAMBRE ET DE SURVEILLANCE DE LA QUALITÉ DE L'AIR INTÉRIEUR

Publication

EP 3413280 B1 20201104 (EN)

Application

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Abstract (en)

[origin: EP3413280A1] A system for detection and monitoring includes one or more light sources configured to emit light into a monitored space. At least one of the light sources is configured to emit a respective emission cone having a respective emission cone axis. One or more light sensing devices are configured to receive scattered light. At least one of the one or more light sensing devices defines a respective acceptance cone having a respective acceptance cone axis. The emission cone axis of the emission cone, and/or the acceptance cone axis of the light sensing device is angled toward the other. A processor is operatively connected to the at least one light sensing devices to evaluate the scattered light for the presence of particulates in the monitored space.

IPC 8 full level

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