

Title (en)

GAS SAMPLING POINT FOR SMOKE/POLLUTION DETECTION SYSTEMS.

Title (de)

GASENTNAHMEPUNKT FÜR RAUCH/VERSCHMUTZUNGS NACHWEISSYSTEME.

Title (fr)

POINT DE PRELEVEMENT DE GAZ POUR SYSTEMES DE DETECTION DE FUMEE ET DE POLLUTION.

Publication

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Application

EP 93909657 A 19930510

Priority

- AU 9300207 W 19930510
- AU PL245292 A 19920514
- AU PL743593 A 19930222

Abstract (en)

[origin: WO9323735A1] A sampling point (110) for use in a pollution/smoke detection system for fixture to an apertured panel in a building, this system including a plurality of said sampling points (110) for connection to an aspirated gas reticulation system for drawing gas from said sampling points (110) exposed to a space under surveillance, said sampling point including a portion (19) for securement to a retaining means (10) and a capillary tube (15a) communicating between the sampling point (110) and said aspirated gas reticulation system, the sampling point (110) having an orifice (116) of a predetermined size to communicate between an area to be surveyed and the gas reticulation system, said capillary tube (116) conforming to standard smoke detection requirements as to bore strength flexibility and crush resistance, said sampling point (110) being adapted to be fitted from either the visible or blind side of the apertured panel and including collapsible shroud means (17, 18) capable of passing through said apertured panel and expanding to hide the panel aperture from which it has emerged. A cover (117) releasably fitted to an apertured mounting base (111) and a capillary tube (113) for communicating the mounting base (111) and the gas reticulation system through an aperture, wherein the mounting base (111) and the cover (117) interconnect with a press fit, said cover (117) comprising an aesthetically formed shroud for the sampling point (110), is also disclosed.

IPC 1-7

G01N 21/53

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] US 3765842 A 19731016 - PURT G
- [A] DE 3237021 A1 19830505 - WESTINGHOUSE ELECTROTECHNIEK E [NL]
- [A] GB 1232841 A 19710519
- [A] US 5103212 A 19920407 - NOTARIANNI KATHY A [US], et al
- [A] BE 375759 A
- See references of WO 9323735A1

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DE FR GB IT NL

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