

Title (en)  
IONISATION DETECTION CHAMBER

Publication  
**EP 0221770 B1 19920205 (EN)**

Application  
**EP 86308434 A 19861029**

Priority  
GB 8526892 A 19851031

Abstract (en)  
[origin: EP0221770A2] An ionisation detection chamber for detecting the presence of small particulate solids, such as smoke particles, carried in a gaseous stream comprising an electrically insulating base, a first, measuring, electrode carried by the base, means for ionising gas associated with a central region of the measuring electrode, a second, negative, electrode comprising a metal grid disposed over the base and together with the base defining the chamber and a third, positive, electrode located in register with the ionisation means and nearer to the measuring electrode than to the negative electrode characterised in that the third electrode comprises at least one element extending generally parallel with the measuring electrode and carried by an electrically insulating member supported by the base.

IPC 1-7  
**G08B 17/10**

IPC 8 full level  
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CPC (source: EP)  
**G08B 17/113** (2013.01)

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**EP 0221770 A2 19870513; EP 0221770 A3 19880824; EP 0221770 B1 19920205**; DE 3683827 D1 19920319; GB 2182198 A 19870507; GB 2182198 B 19910515; GB 8526892 D0 19851204

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