

Title (en)
OPTICAL SMOKE DETECTORS

Publication
EP 0135362 B1 19900411 (EN)

Application
EP 84305514 A 19840813

Priority
• AU 3184384 A 19840810
• AU PG082283 A 19830812

Abstract (en)
[origin: EP0135362A2] A flash reflector (60) for maximising the intensity of light passing into an air sampling chamber (70) of a smoke detector which enables a reduction in power requirements for the light source. The reflector (60) includes a concave reflection element (61) to focus light from each infinitesimal cross-sectional element of the arc of ionized gas in a flash tube (62), the light output from the whole length of the tube which is optionally of U-shape being focused into the central region (72) of the sampling chamber.

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G01N 21/53; G08B 17/10

IPC 8 full level
G08B 17/107 (2006.01)

CPC (source: EP)
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Cited by
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