

Title (en)
PHOTOELECTRIC SYSTEM FOR MONITORING FLAMES AND FUMES

Publication
EP 0014265 B1 19830615 (DE)

Application
EP 79200055 A 19790201

Priority
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Abstract (en)
[origin: EP0014265A1] 1. Photoelectric device for flame-monitoring and flue gas-monitoring, having an optical system comprising a light source (4) and two photodetectors (5, 6) to which an evaluation unit (9) is connected, characterized in that, for flame-monitoring and flue gas-monitoring in the flue duct (2) of a cremation furnace, the photodetectors are designed as photo cells (5, 6), the light source is arranged opposite the first photo cell (5) and irradiates only the latter, the second photo cell (6) is arranged upstream of the first photo cell (5) in the direction of the flue gas, and the two photo cells (5, 6) are connected in anti-parallel fashion.

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