

Title (en)

FIRE PROTECTION UNIT WITH GLASS VESSEL SENSORS

Title (de)

BRANDSCHUTZANLAGE MIT GLASFASSENSOREN

Title (fr)

INSTALLATION DE LUTTE CONTRE L'INCENDIE EQUIPEE DE DETECTEURS A RECIPIENTS EN VERRE

Publication

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Application

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Abstract (en)

[origin: WO0240101A1] The invention relates to a fire protection unit with glass vessel sensors, for example for sprinkler units, which open the extinguishing agent releasing openings in the case of fire and which comprise a glass vessel, filled with fluid and retained by a housing, which may be broken by a control unit by means of a remote electrical activator. The aim of the invention is to achieve an economical fire protection unit with the high safety standards of extinguisher units controlled by fire alarm units, but without the complexity thereof. In particular, a rapid detection and localisation of the fire should be possible and also the immediate opening of the extinguishing agent release openings necessary for limiting or eliminating the fire. The maintenance requirement should be as limited as for sprinkler units. Said aim is achieved, whereby the electrical remote actuator is embodied as sensor for recording the state of the glass vessel (1). Conventional glass vessel sensors thus become sensors which can be interrogated and sprinklers become intelligent fire alarms.

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