

Title (en)

Method and device for operating a fire suppression dry Sprinkler system

Title (de)

Verfahren und Vorrichtung zum Betreiben einer Feuerlösch-trockensprinkler-Anlage

Title (fr)

Procédé et dispositif pour faire fonctionner un système de têtes d'extinction d'incendie secs

Publication

EP 0873767 A2 19981028 (DE)

Application

EP 98105456 A 19980326

Priority

DE 19716585 A 19970421

Abstract (en)

The pipeline system from the dry alarm valve (3) to the sprinklers (9) is filled with compressed air. The alarm valve is held closed by pressure compensation on the air and extinguishing water side and opened when the pressure drops on the air side. The pipeline system is rapidly ventilated by an electric magnetic valve (61) controlled by a fire warning central unit (58) and the dry alarm valve is rapidly opened by a pneumatic device and an additional device controlled by the fire warning central unit. The rapid openings for the dry alarm valve are carried out by a throttle stretch and the rapid opening for ventilating the pipeline system is carried out by a magnetic valve or diaphragm valve.

Abstract (de)

Die Erfindung betrifft ein Verfahren und eine Vorrichtung zum Betreiben einer Feuerlösch-Trockensprinkleranlage, die mit getrennten Schnellöffnungsvorrichtungen versehen ist, wobei eine Einrichtung eine schnelle Entlüftung des Rohrleitungssystems und das andere System ein beschleunigtes Öffnen des Trockenalarmventils bewirkt. <IMAGE>

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