

Title (en)

Automatic on-off sprinkler head.

Title (de)

Sprinklerkopf mit automatischem Öffnen und Schliessen.

Title (fr)

Tête d'arrosage à ouverture et fermeture automatiques.

Publication

EP 0163400 A2 19851204 (EN)

Application

EP 85302619 A 19850415

Priority

US 60520184 A 19840430

Abstract (en)

An automatic on-off fire extinguishing sprinkler head including a housing (13) defining inlet (21) and outlet (22) openings; a valve (12) retained by the housing and disposed between the inlet and outlet openings, the valve being movable between a closed position in which it prevents fluid flow between the inlet and outlet openings and an open position in which it allows fluid flow therebetween and a latch (14) releaseably latching the valve in the closed position. A release mechanism (15) responds to a sensor (16) by releasing the latch to allow movement of the valve into the open position at a predetermined ambient temperature. Operatively coupled to the valve is a temperature responsive actuator (17, 70) shaped and arranged to allow movement of the valve into its open position in response to ambient temperatures above a given level and to force the valve into its closed position in response to ambient temperatures below the given level.

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A62C 37/08

IPC 8 full level

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CPC (source: EP)

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