

Title (en)

Method and device for operating a fire suppression dry Sprinkler system

Title (de)

Verfahren und Vorrichtung zum Betreiben einer Feuerlösch-Trockensprinkleranlage

Title (fr)

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

Publication

EP 0873766 B1 20040602 (DE)

Application

EP 98105089 A 19980320

Priority

DE 19716589 A 19970421

Abstract (en)

[origin: EP0873766A2] The pipeline system from the dry alarm valve (3) to the sprinklers is filled with compressed air. The alarm valve is held closed by pressure compensation on the air and extinguishing water side and opened when pressure drops on the air side. The pipeline system is rapidly ventilated by a pneumatic device and the dry alarm valve is rapidly opened by a separate pneumatic device. The quick opening for ventilating the pipeline system takes place before the rapid opening of the dry alarm valve. The rapid openings are undertaken by separate throttle stretches. This ensures that the throttling for the ventilation is greater than the throttling for opening the alarm valve. Diaphragm valves can be used to control the ventilation of the pipe system and the opening of the alarm valve.

IPC 1-7

A62C 35/62

IPC 8 full level

A62C 35/62 (2006.01); **A62C 35/68** (2006.01); **A62C 35/66** (2006.01)

CPC (source: EP)

A62C 35/62 (2013.01); **A62C 35/66** (2013.01)

Cited by

EP1116499A1; AU2002255020B2; US7100701B2; US7644775B2; WO02055154A1; WO02089921A1

Designated contracting state (EPC)

AT BE CH DE ES FI FR IT LI LU NL

DOCDB simple family (publication)

EP 0873766 A2 19981028; **EP 0873766 A3 20000412**; **EP 0873766 B1 20040602**; AT E268194 T1 20040615; CZ 118198 A3 19981111; DE 19716589 A1 19981022; DE 19716589 B4 20040722; DE 59811493 D1 20040708; HU 9800609 D0 19980528; HU P9800609 A2 19981228; HU P9800609 A3 19990830; PL 186276 B1 20031231; PL 325895 A1 19981026

DOCDB simple family (application)

EP 98105089 A 19980320; AT 98105089 T 19980320; CZ 118198 A 19980417; DE 19716589 A 19970421; DE 59811493 T 19980320; HU P9800609 A 19980319; PL 32589598 A 19980420