

Title (en)

DEVICE FOR PROTECTING PREMISES IN PARTICULAR A TUNNEL AGAINST FIRE

Title (de)

VORRICHTUNG ZUM SCHUTZ VON GEBÄUDEN, INSBESONDERE EINES TUNNELS GEGEN FEUER

Title (fr)

DISPOSITIF DE PROTECTION D'UN LOCAL NOTAMMENT D'UN TUNNEL CONTRE LES INCENDIES

Publication

**EP 1446198 A1 20040818 (FR)**

Application

**EP 02803445 A 20021120**

Priority

- FR 0203967 W 20021120
- FR 0115113 A 20011122

Abstract (en)

[origin: US2005028991A1] The invention concerns a device for protecting premises in particular a tunnel against fire, consisting of a circular housing open at its two ends and deisigned to be fixed in the upper part of the premises to be protected such that its median axis (XX') is substantially vertical, said housing comprising a substantially cylindrical lower part and an upper part substantially tapered in the shape of a bell, and containing part of vacuum-producing means capable of accelerating air circulation in and around the housing and spray means capable of injecting fine water droplets in the resulting circulating air.

IPC 1-7

**A62C 39/00**; **A62C 3/02**

IPC 8 full level

**A62C 99/00** (2010.01); **A62C 3/02** (2006.01); **A62C 31/02** (2006.01)

CPC (source: EP US)

**A62C 3/0207** (2013.01 - EP US); **A62C 3/0221** (2013.01 - EP US); **A62C 31/02** (2013.01 - EP US); **A62C 99/0072** (2013.01 - EP US)

Citation (search report)

See references of WO 03043701A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**US 2005028991 A1 20050210**; **US 7562716 B2 20090721**; AT E392236 T1 20080515; AU 2002365955 A1 20030610; CA 2467070 A1 20030530; CA 2467070 C 20070327; DE 60226168 D1 20080529; DE 60226168 T2 20090618; EP 1446198 A1 20040818; EP 1446198 B1 20080416; ES 2306814 T3 20081116; FR 2832316 A1 20030523; FR 2832316 B1 20040618; WO 03043701 A1 20030530

DOCDB simple family (application)

**US 49569404 A 20040927**; AT 02803445 T 20021120; AU 2002365955 A 20021120; CA 2467070 A 20021120; DE 60226168 T 20021120; EP 02803445 A 20021120; ES 02803445 T 20021120; FR 0115113 A 20011122; FR 0203967 W 20021120