

Title (en)

FIRE PROTECTION APPARATUS FOR AIR DUCTS

Publication

EP 0300992 A3 19900307 (DE)

Application

EP 88890186 A 19880713

Priority

- AT 46988 A 19880225
- AT 186287 A 19870723

Abstract (en)

[origin: EP0300992A2] The apparatus consists of a fire protection flap (8), pivotally mounted in a duct section (3) passed through a wall of a building, which flap can be swung via a drive device (10) out of its position of rest, which frees the duct, into a fire protection position which shuts off the duct. In order to simplify assembly and maintenance and to increase operational reliability, the fire protection flap (8) with its drive device (10) is fixed in a duct section (2) which can be inserted into the air duct, and a box determining the passage aperture of the duct, which can be inserted into the wall, is provided for the assembly of this duct section (2). The drive device (10) can be designed as a cam drive which is connected to the fire protection flap (8) via a connecting rod which, in the closed position of the fire protection flap (8), occupies a top dead centre position relative to the axis of rotation of the cam. A heat switch (20) for actuating and remotely displaying the state of actuation of the fire protection flap (8) can be provided on a part (4) of the duct section projecting from the box, an assembly guard being provided for this switch.

IPC 1-7

A62C 3/14

IPC 8 full level

A62C 2/12 (2006.01)

CPC (source: EP)

A62C 2/12 (2013.01)

Citation (search report)

- [X] GB 2064957 A 19810624 - HESS & CIE PILGERSTEG
- [A] DE 8704622 U1 19870514
- [A] DE 8532823 U1 19860109
- [AD] DE 3538013 A1 19870430 - FRIEDRICHSFELD GMBH [DE]
- [A] EP 0181787 A2 19860521 - COLT INT HOLDINGS [CH]

Cited by

US6991536B2; EP0512414A3; FR2898062A1; DE19649126A1; DE19649126C2; CN114776862A; WO0243810A3; WO2004016319A1

Designated contracting state (EPC)

BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0300992 A2 19890125; EP 0300992 A3 19900307; EP 0300992 B1 19921223; DE 3876885 D1 19930204; ES 2038341 T3 19930716; GR 3006867 T3 19930630

DOCDB simple family (application)

EP 88890186 A 19880713; DE 3876885 T 19880713; ES 88890186 T 19880713; GR 930400121 T 19930121