

Title (en)

Smoke protection device for staircases or similar

Title (de)

Rauchschutzeinrichtung für Treppenräume oder dergleichen

Title (fr)

Dispositif de protection contre la fumée dans un escalier ou similaire

Publication

EP 0995955 A3 20021030 (DE)

Application

EP 99117848 A 19990910

Priority

DE 19848736 A 19981022

Abstract (en)

[origin: EP0995955A2] The smoke protection device has a ventilation system mounted in a stair well (10) or similar to produce an overpressure, at least one smoke detector or manual trigger, a circuit connected to the ventilation system and detector to switch on the ventilation system when smoke exists. At least one overpressure flap (15) forming a component for producing and maintaining a predefined overpressure is mounted in a ceiling or wall (14) between the stair well or lift shaft and an adjacent room (12) or the exterior, and is used to produce a pressure difference between the stair well and the room or exterior Independent claims are also included for a fire protection arrangement and for a smoke protection method.

IPC 1-7

F24F 7/06

IPC 8 full level

A62C 2/12 (2006.01); **F24F 7/06** (2006.01)

CPC (source: EP)

A62C 2/12 (2013.01); **F24F 7/06** (2013.01); **F24F 11/33** (2017.12); **F24F 2011/0004** (2013.01)

Citation (search report)

- [Y] DE 9409176 U1 19951012 - PAFAMAX BRANDSCHUTZTECH GMBH [DE]
- [A] DE 29716474 U1 19980108 - BADER JUERGEN [DE]
- [A] DE 2526932 B1 19760902 - UNION BAU FRANKFURT GMBH
- [XY] PATENT ABSTRACTS OF JAPAN vol. 018, no. 610 (C - 1276) 21 November 1994 (1994-11-21)

Cited by

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EP 0995955 A2 20000426; **EP 0995955 A3 20021030**; DE 19848736 A1 20000504; DE 19848736 B4 20041111

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