

Title (en)
SMOKE PROTECTION FOR ROOMS

Title (de)
RAUCHSCHUTZ FÜR RÄUME

Title (fr)
PROTECTION DE LOCAUX CONTRE LA FUMÉE

Publication
EP 1440242 A2 20040728 (DE)

Application
EP 02802275 A 20021031

Priority
• DE 0204058 W 20021031
• DE 10153350 A 20011031

Abstract (en)
[origin: DE10251149A1] The fire smoke disperser has a by-pass flow generated around a building by an axial ventilator (2) using flaps (3.1) which are self closing and which open under a predetermined overpressure in the escape path. Compression springs keep the flaps closed until a set overpressure to provide an independent self regulating action. An Independent claim is also included for a method of keeping building escape routes smoke free using the ventilator system.

IPC 1-7
F04D 27/02; F24F 7/06; F24F 11/00

IPC 8 full level
F04D 27/02 (2006.01); **F24F 7/06** (2006.01); **F24F 11/00** (2006.01); **F24F 13/14** (2006.01)

CPC (source: EP)
F04D 27/009 (2013.01); **F24F 7/06** (2013.01); **F24F 11/0001** (2013.01); **F24F 11/33** (2018.01); **F24F 13/1413** (2013.01); **F24F 2011/0004** (2013.01); **F24F 2013/146** (2013.01)

Designated contracting state (EPC)
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