

Title (en)

A system for exhausting flue gases in a tunnel

Title (de)

System zur Rauchgasabfuhr in Tunneln

Title (fr)

Système d'évacuation de gaz de fumée dans un tunnel

Publication

**EP 1544408 B1 20080423 (EN)**

Application

**EP 04388091 A 20041216**

Priority

DK PA200301859 A 20031216

Abstract (en)

[origin: EP1544408A1] According to the invention, a system for carrying away flue gases from a fire in a tunnel (1) comprises a duct (2) provided with a plurality of hinged doors or gates (3), which each are kept closed against a spring force by means of a lock with thermostatic release. <??> The hot flue gases will hereby release locks and open the dampers (3) at the fire zone concerned and convey the flue gases via the dampers into the duct (1), from where they are evacuated from the tunnel by means of fans. <IMAGE>

IPC 8 full level

**E21F 1/00** (2006.01); **E05B 65/10** (2006.01); **F24F 13/14** (2006.01); **A62C 3/02** (2006.01)

CPC (source: EP)

**A62C 3/0221** (2013.01); **E05B 65/104** (2013.01); **E21F 1/003** (2013.01); **A62C 3/0292** (2013.01); **F24F 11/33** (2017.12); **F24F 13/1426** (2013.01)

Cited by

CN115822640A; CN103267335A; RU2471074C2; FR2891612A1; ITAN20090069A1; CN110344871A; CN103097660A; EA024966B1; CN1109113785A; CN110486073A; WO2015198264A1; US9752436B2; WO2015082684A2; WO2011039157A3; WO2010021005A1; WO2015082684A3; WO2012013992A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1544408 A1 20050622; EP 1544408 B1 20080423**; AT E393300 T1 20080515; DE 602004013260 D1 20080605; DE 602004013260 T2 20090625

DOCDB simple family (application)

**EP 04388091 A 20041216**; AT 04388091 T 20041216; DE 602004013260 T 20041216