

Title (en)

Fire damper for flow passages

Title (de)

Brandschutz-Verschluss für Strömungskanäle

Title (fr)

Clapet coupe-feu pour canaux d'écoulement

Publication

**EP 1688164 B1 20081105 (DE)**

Application

**EP 05002116 A 20050202**

Priority

EP 05002116 A 20050202

Abstract (en)

[origin: EP1688164A1] The fire damper has outlets, channels or wall openings and a flap housing (11) with an aperture (14), which forms a section of the flow channel in the installed condition of the fire protection damper. A tiltable stored flap (12) is provided in the flap housing around an axis of rotation (A), whose form and size is adapted to the interior cross section of the aperture. A driver is provided to close the flap and provided as a spring mechanism (13), and that an electromagnet (15) holds the flap in a pre-loading open position against the spring mechanism. An independent claim is included for a method, and use of the fire damper.

IPC 8 full level

**A62C 2/12** (2006.01); **A62C 2/24** (2006.01)

CPC (source: EP)

**A62C 2/12** (2013.01); **A62C 2/248** (2013.01)

Cited by

DE102009019917A1; DE102010056392A1; DE102010056392B4

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 1688164 A1 20060809**; **EP 1688164 B1 20081105**; AT E413214 T1 20081115; DE 502005005873 D1 20081218; ES 2317090 T3 20090416; PL 1688164 T3 20090430

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