

Title (en)

Anti-smoke pressure assembly and method for keeping an escape route free of smoke

Title (de)

Rauchschutzdruckanlage und Verfahren zur Rauchfreihaltung eines Fluchtraumes

Title (fr)

Installation pressurisée de protection contre la fumée et procédé de maintien sans fumée d'une sortie de secours

Publication

**EP 2505735 B1 20151209 (DE)**

Application

**EP 12157874 A 20120302**

Priority

DE 102011001261 A 20110314

Abstract (en)

[origin: EP2505735A1] The smoke pressure control system has air supply fan (2) and control valve device (3) which are attached in stair space (1). The control valve device is provided with a control valve which is opened and closed corresponding to pressure fluctuations. Several air discharge openings (4) are provided in stair space, which are connected over a common supply air shaft (5) with respect to air supply fan. An independent claim is included for smoke pressure control method.

IPC 8 full level

**E04F 17/04** (2006.01); **B08B 15/00** (2006.01)

CPC (source: EP US)

**B08B 15/00** (2013.01 - EP US); **E04F 17/04** (2013.01 - EP); **F24F 11/34** (2017.12 - EP); **F24F 11/75** (2017.12 - EP); **F24F 2007/001** (2013.01 - EP US)

Cited by

EP3078918A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2505735 A1 20121003**; **EP 2505735 B1 20151209**; DE 102011001261 A1 20120920; PL 2505735 T3 20160630

DOCDB simple family (application)

**EP 12157874 A 20120302**; DE 102011001261 A 20110314; PL 12157874 T 20120302