

Title (en)

Ventilation device for connecting to an exhausting duct or to a central ventilation system

Title (de)

Lüftungsvorrichtung zum Anschluss einer Abluftleitung sowie Zentrallüftungsvorrichtung

Title (fr)

Dispositif de ventilation pour l'assemblage avec une conduite d'air d'échappement ou avec un système central de ventilation

Publication

**EP 1541933 A3 20061129 (DE)**

Application

**EP 04026626 A 20041110**

Priority

DE 10358472 A 20031208

Abstract (en)

[origin: EP1541933A2] A multi-storey building has a central effluent air duct to a roof-mounted ventilator. Air is extracted on each floor through a vent housing with an inlet to a filter. The housing further has a shut-off valve and an outlet with a back-flow prevention valve to the main duct. Also claimed is a commensurate ventilation system.

IPC 8 full level

**F24F 13/06** (2006.01); **F24F 7/003** (2021.01); **F24F 7/007** (2006.01)

CPC (source: EP KR US)

**F24F 7/003** (2021.01 - EP KR US); **F24F 7/06** (2013.01 - KR); **F24F 7/065** (2013.01 - EP); **F24F 8/10** (2021.01 - KR); **F24F 11/30** (2017.12 - KR); **F24F 13/06** (2013.01 - EP); **F24F 13/20** (2013.01 - KR); **F24F 13/24** (2013.01 - KR); **F24F 13/28** (2013.01 - KR); **F24F 11/33** (2017.12 - EP); **F24F 2007/002** (2013.01 - EP KR US); **F24F 2013/207** (2013.01 - KR)

Citation (search report)

- [Y] DE 19726437 A1 19981224 - MAICO ELEKTROAPPARATE [DE]
- [Y] DE 2503022 A1 19750821 - STRULIK WILHELM P
- [Y] US 1961948 A 19340605 - SYMONDS HERBERT W
- [Y] DE 4218826 A1 19931216 - MAICO ELEKTROAPPARATE [DE]
- [Y] DE 4309114 A1 19940929 - HELIOS VENTILATOREN GMBH & CO [DE]
- [A] DE 2322913 A1 19741121 - SCHADE MAX GUENTER

Cited by

CN116499059A; LU91443B1; CN103727608A; CN101970943A; EP2163833A3; CN106880989A; US8653763B2

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL HR LT LV MK YU

DOCDB simple family (publication)

**EP 1541933 A2 20050615**; **EP 1541933 A3 20061129**; **EP 1541933 B1 20101103**; AT E487097 T1 20101115; DE 10358472 A1 20050707; DE 10358472 B4 20110210; DE 502004011848 D1 20101216; KR 100607325 B1 20060801; KR 20050055585 A 20050613

DOCDB simple family (application)

**EP 04026626 A 20041110**; AT 04026626 T 20041110; DE 10358472 A 20031208; DE 502004011848 T 20041110; KR 20040096070 A 20041123