

Title (en)
Vent Assembly

Title (de)
Entlüftungsanordnung

Title (fr)
Ensemble de ventilation

Publication
EP 2383401 A2 20111102 (EN)

Application
EP 11163928 A 20110427

Priority
GB 201006990 A 20100427

Abstract (en)
A smoke vent assembly for the roof of a building has a panel 15 hinged to a frame 10, for movement between open and closed positions under the action of a powered actuator 60,61,63. The frame 10 is constructed at least in part from metallic inner and outer frame members 17,18 with thermal break elements 28,29,30,31 connecting together the inner and outer frame members 17,18 and with insulation 26,27 disposed therebetween. Each of the two opposed outer frame members 12,14 extending at right angles to the frame member 11 hinging the panel 15 defines a respective chamber 19 for accommodating a powered actuator 60,61,63.

IPC 1-7
E05F 15/12

IPC 8 full level
E04D 13/035 (2006.01); **E04D 13/03** (2006.01); **E05F 15/611** (2015.01); **E05F 15/622** (2015.01); **F24F 7/02** (2006.01); **F24F 11/00** (2006.01); **F24F 13/14** (2006.01)

CPC (source: EP GB)
A62C 2/241 (2013.01 - GB); **E04D 13/0315** (2013.01 - EP); **E04D 13/0325** (2013.01 - GB); **E04D 13/0354** (2013.01 - EP); **E05D 7/06** (2013.01 - GB); **E05F 1/006** (2013.01 - GB); **E05F 15/622** (2013.01 - EP GB); **E06B 1/16** (2013.01 - GB); **F24F 7/02** (2013.01 - EP GB); **F24F 13/1486** (2013.01 - GB); **E05Y 2201/604** (2013.01 - EP); **E05Y 2201/626** (2013.01 - EP); **E05Y 2201/686** (2013.01 - EP); **E05Y 2800/21** (2013.01 - EP); **E05Y 2900/154** (2013.01 - EP); **F24F 11/34** (2018.01 - EP); **F24F 2013/144** (2013.01 - EP)

Citation (applicant)
• JP H07217306 A 19950815 - MATSUSHITA ELECTRIC WORKS LTD
• US 3728956 A 19730424 - FIELD T
• US 4473979 A 19841002 - BRUHM RONALD R [CA]

Cited by
CN116033698A; JP2017146046A; AU2017220420B2; CN110359804A; US9557743B2; US10633864B2; US11946303B2; WO2013123948A1; WO2017141839A1; WO2015028031A1; EP2817571B1; US9534389B2; WO2020176300A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2383401 A2 20111102; **EP 2383401 A3 20150708**; **EP 2383401 B1 20160921**; GB 201006990 D0 20100609; GB 2479884 A 20111102; GB 2479884 B 20161019

DOCDB simple family (application)
EP 11163928 A 20110427; GB 201006990 A 20100427