

Title (en)
Vent operating mechanism

Title (de)
Entlüftungsbetriebsmechanismus

Title (fr)
Mécanisme de commande d'évent

Publication
EP 2383413 B1 20160420 (EN)

Application
EP 11163929 A 20110427

Priority
GB 201006989 A 20100427

Abstract (en)
[origin: EP2383413A2] A mechanism for effecting opening and closing movement of a vent panel 15 for a roof-mounted smoke vent has an elongate channel-shaped base member 56 for attachment to, or forming a part of, a frame 10 for the vent panel 15. A parallelogram linkage 69,70 connects a support 73 to the base member 56 and a power drive assembly including a motor 60 and a lead screw 61 effects movement of a slider 63 along the length of the base member, the slider being connected by an operating arm 75 to the support 73 or to the parallelogram linkage 69, 70. The support 73 carries a connector 77 for the panel 15, the support being slidable along that panel as the mechanism is operated to cause a connected panel to effect hinging movement by varying the geometry of the parallelogram linkage.

IPC 8 full level
E05F 15/63 (2015.01); **E05F 5/02** (2006.01); **E05F 15/71** (2015.01); **E05F 15/72** (2015.01)

CPC (source: EP GB)
A62C 2/241 (2013.01 - GB); **E04D 13/0325** (2013.01 - GB); **E05D 7/06** (2013.01 - GB); **E05F 1/006** (2013.01 - GB); **E05F 15/622** (2013.01 - GB); **E05F 15/63** (2015.01 - EP); **E06B 1/16** (2013.01 - GB); **F24F 7/02** (2013.01 - GB); **F24F 13/1486** (2013.01 - GB); **E05F 15/622** (2013.01 - EP); **E05F 15/71** (2015.01 - EP); **E05F 15/72** (2015.01 - EP); **E05Y 2201/708** (2013.01 - EP); **E05Y 2900/154** (2013.01 - EP)

Cited by
CN106812408A; CN113719214A; CN102619430A; CN110359804A; EP4365385A1

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 2383413 A2 20111102; EP 2383413 A3 20130403; EP 2383413 B1 20160420; GB 201006989 D0 20100609; GB 2479883 A 20111102

DOCDB simple family (application)
EP 11163929 A 20110427; GB 201006989 A 20100427