

Title (en)

Opening mechanism to a smoke and heat ventilator

Title (de)

Öffnungsmechanismus zum Entrauchen und Entlüften

Title (fr)

Mécanisme d'ouverture pour évacuation de fumée et de chaleur

Publication

EP 2003262 A2 20081217 (EN)

Application

EP 08157753 A 20080606

Priority

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Abstract (en)

The present invention concerns a ventilation opening (1) of the type which is built into roof constructions and typically includes a frame part (2) and a lid part (3), where this lid part (3) in case of fire or smoke formation is opened and under normal conditions is used for comfort ventilation. The ventilation opening is provided with mechanical means (5) that include at least one controlled linear actuator (9), where the direction of movement of the linear actuator (9) is away from the front edge, where the actuator (9) is pivotably fastened to a crossbar (6) at one end, and is connected to a rod mechanism at the other end, where the rod mechanism via a movable bearing is connected to a displacing bearing/slide groove (22) which is in fixed connection with the lid part (3) of the ventilation opening. By such a ventilation opening (1) there is achieved a solution wherein an actuator with relatively short stroke can be used for opening even large ventilation openings.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP3643849A1; EP2669447A1; AT511036A1; DE202010010494U1; DE202010009439U1; US11946303B2; EP4365385A1; WO2020176300A1; EP3524895A1

Designated contracting state (EPC)

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