

Title (en)

ANTIPANIC BREAK-OUT AND THERMAL BREAK SLIDING DOOR

Title (de)

SCHIEBETÜR MIT ANTIPANIKAUSBRUCH UND THERMISCHER UNTERBRECHUNG

Title (fr)

PORTE COULISSANTE ANTI-PANIQUE ET À RUPTURE DE PONT THERMIQUE

Publication

**EP 4033064 A1 20220727 (EN)**

Application

**EP 22150336 A 20220105**

Priority

IT 202100000362 A 20210111

Abstract (en)

The present invention relates to an antipanic break-out and thermal break sliding door comprising- at least one wing (10) sliding and rotatable with respect to a frame (5) hanging from at least one carriage (24) by means of at least one joint (28) allowing the rotation of the wing with respect to the carriage; characterised in that the wing (10) comprises a structure frame 12 subdivided into at least two parallel structure portions (12a, 12b), arranged to hold a panel (14) therebetween, and separated by a thermal break zone, wherein the two structure portions (12a, 12b) are rigidly joined to each other at least in the following manner:- along the upper section of the wing (10) the joint (28) is above both structure portions (12a and 12b) and rigidly joins them together; the joint (28) rests on said structure portions (12a, 12b) with the interposition of at least one layer of thermally insulating material (62), which is crossed at one or more predetermined points by respective fastening elements (13).

IPC 8 full level

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Citation (search report)

- [A] US 2016177564 A1 20160623 - AYKAS KENAN [DE]
- [A] DE 19753132 A1 19990602 - GEZE GMBH & CO [DE]
- [A] US 2004107642 A1 20040610 - LIEBSCHER ARNE [DE]
- [A] US 10851580 B2 20201201 - MASTROGIANNIS SPYRIDON [GR]

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