

Title (en)

Fire-rated closure

Title (de)

Brandschutzklappe

Title (fr)

Trappe coupe-feu

Publication

EP 2474683 A1 20120711 (EN)

Application

EP 12000044 A 20120104

Priority

PL 39361611 A 20110111

Abstract (en)

A fire-rated closure comprising a frame (1) and a hatch (2), the frame further including a supporting frame (11) on one side of a space divider and an opposite frame (12), on the opposite side of the space divider, separated with thermal barriers (14, 14) made of fire-resistant material with low thermal conductivity. In the embodiment intended for mounting in the building slab, the closure comprises folding stairs (3) seated in the axis (34), joined with the supporting frame bearings (11), and the hatch (3) supported by the stairs. (12 claims)

IPC 8 full level

E04F 11/06 (2006.01); **E04B 9/00** (2006.01); **E04F 19/08** (2006.01)

CPC (source: EP)

E04F 11/064 (2013.01)

Citation (search report)

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- [X] DE 19608529 A1 19970911 - METSYSTEM AG [CH]
- [X] WO 9607005 A1 19960307 - HOERMANN KG [DE]
- [Y] DE 19717207 C1 19981210 - COLUMBUS TREPPEN GMBH [DE]

Cited by

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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 2474683 A1 20120711; **EP 2474683 B1 20160330**; DK 2474683 T3 20160620; PL 224169 B1 20161130; PL 393616 A1 20120716

DOCDB simple family (application)

EP 12000044 A 20120104; DK 12000044 T 20120104; PL 39361611 A 20110111