

Title (en)

Fire door with improved fire resistance

Title (de)

Brandschutztür mit verbesserter Brandbeständigkeit

Title (fr)

Porte coupe-feu à résistance au feu améliorée

Publication

EP 2395193 A1 20111214 (EN)

Application

EP 11166480 A 20110518

Priority

IT MI20101026 A 20100609

Abstract (en)

A fire door (1) with improved fire resistance comprising a fixed frame (2) couplable to a fixed structure (4), and at least one movable frame (10) defining a movable leaf (10) of a door hinged to the fixed frame (2), on the edge of the movable leaf (10), at least on one side that is different from the pivoting side, a locking body (20, 40) being provided that is engageable to the fixed frame (2) in the presence of generation of heat, means being further provided for the actuation of the locking body (20, 40) which are constituted by a heat-expanding body (25).

IPC 8 full level

E06B 5/16 (2006.01)

CPC (source: EP)

E06B 5/167 (2013.01)

Citation (applicant)

- IT 1386951 B
- IT MI20101026 A 20100609

Citation (search report)

- [X] DE 3239177 A1 19840503 - RUEF DICTATOR [DE]
- [X] GB 2289497 A 19951122 - LORIENT POLYPROD LTD [GB]
- [A] DE 8417727 U1 19851128

Cited by

JP2016089452A; JP2017048662A; GB2606434B; JP2018178535A; GB2601433A; GB2608398A; GB2601433B; GB2608398B; WO2023275517A1

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 2395193 A1 20111214; EP 2395193 B1 20160831; IT 1401292 B1 20130718; IT MI20101026 A1 20111210

DOCDB simple family (application)

EP 11166480 A 20110518; IT MI20101026 A 20100609