

Title (en)
Fire-resistant seal device

Title (de)
Feuerhemmende Verschlussvorrichtung

Title (fr)
Dispositif de fermeture coupe-feu

Publication
EP 2224090 A3 20121024 (DE)

Application
EP 10001904 A 20100224

Priority
DE 102009010924 A 20090227

Abstract (en)
[origin: EP2224090A2] The fire-resistant locking device (10) has a closing element (12) for closing an opening. The closing element has sections (14.1,14.2). An intumescent material is arranged between a front surface (18.1) and a rear surface (20.1). The front surface and the rear surface are connected such that a volume increase of the intumescent material is guided to a shift of the front surface relative to the rear.

IPC 8 full level
E06B 5/16 (2006.01); **E06B 3/82** (2006.01)

CPC (source: EP)
E06B 3/827 (2013.01); **E06B 5/16** (2013.01); **E06B 2003/7042** (2013.01)

Citation (search report)
• [XY] DE 19643854 A1 19980507 - BARTHOLOMAEUS GERT [DE]
• [Y] AT 355784 B 19800325 - BRUEGLHUBER DIETMAR [AT]
• [Y] FR 2824292 A1 20021108 - BOULLET ATEL [FR]
• [Y] US 2006121808 A1 20060608 - KAI RICHARD H [US], et al

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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EP 10001904 A 20100224; DE 102009010924 A 20090227