

Title (en)
Fire protection flap

Title (de)
Brandschutzklappe

Title (fr)
Clapet anti-feu

Publication
EP 2314356 A3 20120829 (DE)

Application
EP 10013288 A 20101004

Priority
DE 102009050535 A 20091023

Abstract (en)
[origin: EP2314356A2] The device has a fire protection flap (5) supportably pivotable around an axis by articulated fastening i.e. hinge (6), and held in an open position against a closing force by a holding element i.e. strand (7). The holding element is partially torn in case of fire, and the flap is made of a heat insulating material or a fire protection material. The flap has a projection at its surface that points towards a gap (4) i.e. horizontal gap, to be sealed between a camber (2) and a door-/door leaf (3). The strand is partially made of plastic, and is arranged on both sides of the gap.

IPC 8 full level
A62C 2/12 (2006.01); **A62C 2/24** (2006.01)

CPC (source: EP)
A62C 2/12 (2013.01); **A62C 2/242** (2013.01); **A62C 3/14** (2013.01)

Citation (search report)

- [X] DE 102007046479 A1 20080626 - AIRBUS GMBH [DE]
- [X] DE 3927013 A1 19910221 - MINNESOTA MINING & MFG [US]
- [X] CH 302517 A 19541031 - H SCHIRP FA [DE]
- [X] DE 29614647 U1 19961010 - BARTHOLOMAEUS GERT [DE]

Cited by
US10435910B2; US10435907B2; US10435909B2; US10435908B2; US10934674B2; US10435906B2; US10704249B2

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 2314356 A2 20110427; EP 2314356 A3 20120829; DE 102009050535 A1 20110428

DOCDB simple family (application)
EP 10013288 A 20101004; DE 102009050535 A 20091023