

Title (en)
SMOKE CONTROL DAMPER AND ITS SEALING

Title (de)
RAUCHABZUGSKLAPPE UND DEREN DICHTUNG

Title (fr)
VOLET DE DÉSENFUMAGE ET SON ÉTANCHÉITÉ

Publication
EP 3603750 A1 20200205 (EN)

Application
EP 18186661 A 20180731

Priority
EP 18186661 A 20180731

Abstract (en)
The object of the invention is a smoke control damper incorporating a damper housing (body) made of permanently interconnected sections (1,2,3,4), and shut-off blades (9,10) of the damper, constituted by moving blades (10) and an external blade (9), the blades made of fire protection board, the damper incorporating a sealing of the blades, comprising a intumescent gasket (38) and an insulating gasket (27, 37) which are installed in grooves made along one longer edge of the moving blades (10) and a sealing installed on the body on each of the four sides, comprising an insulating gasket (27).

IPC 8 full level
A62C 2/14 (2006.01); **F24F 13/15** (2006.01)

CPC (source: EP)
A62C 2/14 (2013.01); **F24F 11/33** (2018.01); **F24F 13/1406** (2013.01); **F24F 13/15** (2013.01); **A62C 2/065** (2013.01)

Citation (applicant)
• EP 2366435 A1 20110921 - GREMPCO S A [PL]
• US 6019679 A 20000201 - LLOYD WILLIAM P [US]
• EP 3061503 A1 20160831 - GREMPCO S A [PL]

Citation (search report)
• [YD] EP 2366435 A1 20110921 - GREMPCO S A [PL]
• [Y] WO 2006075045 A1 20060720 - FLAEKT WOODS AB [SE], et al
• [Y] EP 2412409 A1 20120201 - POSA S P A [IT], et al
• [AD] AEROPRODUKT: "produkt brochure multi-blade fire damper BSK-J/EI90", 31 December 2014 (2014-12-31), <http://aeroproduct.hu/product-details/bsk-jei90gmhot/>, pages 1 - 15, XP055546719, Retrieved from the Internet <URL:http://aeroproduct.hu/wp-content/uploads/2018/06/Fire_services_BSKjeis90_2014_eng.pdf> [retrieved on 20190123]

Cited by
EP3916316A1

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 3603750 A1 20200205

DOCDB simple family (application)
EP 18186661 A 20180731