

Title (en)

Flame barrier for air extraction assemblies

Title (de)

Flammensperre für Absauganlagen

Title (fr)

Dispositif anti-retour de flammes pour installations d'extraction

Publication

EP 2332617 B1 20181114 (DE)

Application

EP 10194404 A 20101209

Priority

DE 102009054479 A 20091210

Abstract (en)

[origin: EP2332617A1] The flame arrester has an inlet channel led into a housing, and an outlet channel led out from the housing. A flow deflection unit is arranged within the housing and has a labyrinth wall penetrated by fluid flow (170) and deflecting the flow transverse to a flow direction. A transverse flow passes through the labyrinth wall, and a longitudinal flow runs parallel to the labyrinth wall and is surrounded by the labyrinth wall in all sides. The flow deflection unit transfers the longitudinal and transverse flows into each other.

IPC 8 full level

A62C 4/00 (2006.01)

CPC (source: EP)

A62C 4/00 (2013.01)

Cited by

DE102014007414B4; CN109441632A; DE102014007414A1

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

DOCDB simple family (publication)

EP 2332617 A1 20110615; EP 2332617 B1 20181114; DE 102009054479 A1 20120322

DOCDB simple family (application)

EP 10194404 A 20101209; DE 102009054479 A 20091210