

Title (en)  
Flame arrester

Title (de)  
Flammenrückschlagsicherung

Title (fr)  
Pare-flamme

Publication  
**EP 1586350 B1 20111214 (EN)**

Application  
**EP 04020712 A 20040901**

Priority  
JP 2004121410 A 20040416

Abstract (en)  
[origin: EP1586350A1] A flame arrester (1) is constructed for a flammable gas (G) to prevent a reverse flow from a downstream side (C2) to an upstream side (C1) of the flame arrester. The flame arrester has a drum body (E), and the drum body has a plurality of ring plates (2). The ring plates are layered one another with a plurality of spacers (3) therebetween to define slits (S) between the ring plates. The drum body has a first end (b) open to the upstream side and a second end (a) closed to the downstream side, while the slits are open to the downstream side. <IMAGE>

IPC 8 full level  
**A62C 4/02** (2006.01); **F23D 14/82** (2006.01)

CPC (source: EP)  
**A62C 4/02** (2013.01); **F23D 14/82** (2013.01)

Cited by  
CN112107820A; US11465003B2; US2012189966A1; ITMI20132158A1; KR20160101139A; IT201900018728A1; WO2015091747A1; US10661108B2; EP4186567A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 1586350 A1 20051019; EP 1586350 B1 20111214**; CN 101947374 A 20110119; CN 101947374 B 20130109; CN 1683826 A 20051019; JP 2005308230 A 20051104; JP 3919197 B2 20070523

DOCDB simple family (application)  
**EP 04020712 A 20040901**; CN 200410079157 A 20040915; CN 201010228752 A 20040915; JP 2004121410 A 20040416