

Title (en)  
FLASHBACK PREVENTER

Title (de)  
FLAMMENDURCHSCHLAGSICHERUNG

Title (fr)  
PROTECTION CONTRE LE RETOUR DE FLAMMES

Publication  
**EP 2658612 A2 20131106 (DE)**

Application  
**EP 11831769 A 20111129**

Priority  
• DE 102010056590 A 20101230  
• DE 2011002051 W 20111129

Abstract (en)  
[origin: WO2012089187A2] A flashback preventer with a cylindrical flame trap (8, 8', 21) which is installed in a wall (6, 6'), separating an at-risk region (13) from an external region (15), and has a cross-sectional surface area containing a multiplicity of throughflow gaps and a height determining the length of the throughflow gaps and an underside (9) directed towards the at-risk region (13), and an upper side (16) directed towards the external region (15), can be formed with a low mass and high energy-dissipation efficiency in that the flame trap (8, 8', 21) is inserted into an opening (7, 7') in the wall (6, 6'), said opening corresponding to the cross-sectional surface areas of the flame trap (8, 8', 21), and has at least a fifth of its height projecting beyond the wall (6, 6') into the external region (15).

IPC 8 full level  
**A62C 4/00** (2006.01)

CPC (source: EP US)  
**A62C 4/00** (2013.01 - EP US); **F23D 14/82** (2013.01 - US)

Citation (search report)  
See references of WO 2012089187A2

Designated contracting state (EPC)  
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