

Title (en)

Flashback arrestor safety device for mounting without tooling

Title (de)

Flammenrückschlagsicherungseinrichtung zum Einbau ohne Werkzeug

Title (fr)

Dispositif de sécurité anti-retour pare-flamme à montage sans outil

Publication

EP 1777455 A1 20070425 (FR)

Application

EP 05300838 A 20051019

Priority

EP 05300838 A 20051019

Abstract (en)

The device has an elongated body (1) traversed by an internal gas passage (2) connecting two orifices (4, 5). The orifice (4) is supported by a jointing ferrule (7) traversed axially by the internal passage. A thrust-nut (6) is positioned in a manner to form a sleeve free in rotation around the ferrule which has a peripheral housing (3) e.g. annular groove, in which a fluidic sealing unit (9) e.g. O-ring, is arranged. An internal wall of the thrust-nut comprises a flange (15) cooperating with a stop (14) arranged inside the ferrule. The nut includes a zone on its external part.

IPC 8 full level

F23D 14/82 (2006.01)

CPC (source: EP)

F23D 14/825 (2013.01)

Citation (applicant)

EP 1512910 A1 20050309 - FRO SRL [IT]

Citation (search report)

- [YD] EP 1512910 A1 20050309 - FRO SRL [IT]
- [Y] FR 1086073 A 19550209 - AIR LIQUIDE
- [Y] EP 1033516 A1 20000906 - PIANA ALESSANDRO [IT]
- [Y] US 5197769 A 19930330 - WILLIAMSON NIGEL D L [GB]
- [A] GB 2181530 A 19870423 - BUTCHER BROTHERS LIMITED
- [A] US 2661965 A 19531208 - PARMESAN DANIEL J

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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