

Title (en)

Annular conduit with double flow and burner comprising such a conduit

Title (de)

Zweistrom-Ringleitung und Brenner, der eine solche Leitung umfasst

Title (fr)

Conduite annulaire à double flux et brûleur comportant une telle conduite

Publication

**EP 1862735 A3 20121205 (FR)**

Application

**EP 07290663 A 20070523**

Priority

FR 0604829 A 20060530

Abstract (en)

[origin: EP1862735A2] The conduit (8) has inner and outer tubes (12, 13) axially movable with respect to each other. The inner tube carries a deviation unit (17) providing a tangential deviation angle ranging between 0-30 degrees to a part of a fluid moving in the conduit. The outer tube is conformed such that a tangential deviation angle of the fluid part at a downstream end of the conduit depends on a relative axial position of the tubes. The outer tube has a rectification unit (19) allowing a complementary part of the fluid to have a null tangential deviation angle at the downstream end.

IPC 8 full level

**F23C 7/00** (2006.01); **F23D 14/74** (2006.01); **F23D 17/00** (2006.01)

CPC (source: EP)

**F23C 7/002** (2013.01); **F23D 14/74** (2013.01); **F23D 17/00** (2013.01)

Citation (search report)

- [A] FR 1135187 A 19570425 - FUEL FIRING LTD
- [AD] EP 0967434 A1 19991229 - PILLARD CHAUFFAGE [FR]
- [A] FR 1479242 A 19670505 - SWAN
- [A] FR 1174894 A 19590317 - PILLARD CHAUFFAGE

Cited by

FR3091331A1; CN106796025A; EP2017529A1; FR2919043A1; WO2009136058A3; WO2020136334A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1862735 A2 20071205; EP 1862735 A3 20121205; EP 1862735 B1 20130925**; DK 1862735 T3 20131125; ES 2429099 T3 20131113; FR 2901852 A1 20071207; FR 2901852 B1 20101022

DOCDB simple family (application)

**EP 07290663 A 20070523**; DK 07290663 T 20070523; ES 07290663 T 20070523; FR 0604829 A 20060530