

Title (en)
Swirler vane

Title (de)
Wirbelblech

Title (fr)
Aube de turbulence

Publication
EP 1995521 A1 20081126 (EN)

Application
EP 07010376 A 20070524

Priority
EP 07010376 A 20070524

Abstract (en)
Disclosed is a swirler vane (15) for mixing fuel and air, with a through hole (19) connecting at least two surfaces (20) of the swirler vane (15) for providing a connecting path for a fuel/air mixture (7) to pass from a high pressure side of the swirler vane (15) to a low pressure side.

IPC 8 full level
F23R 3/14 (2006.01); **F23C 7/00** (2006.01); **F23D 11/38** (2006.01); **F23D 14/70** (2006.01); **F23R 3/28** (2006.01)

CPC (source: EP)
F23C 7/004 (2013.01); **F23D 11/383** (2013.01); **F23D 14/70** (2013.01); **F23R 3/14** (2013.01); **F23R 3/286** (2013.01); **F23C 2900/07001** (2013.01); **F23D 2900/14701** (2013.01)

Citation (search report)

- [X] EP 0828115 A1 19980311 - SNECMA [FR]
- [X] US 5511375 A 19960430 - JOSHI NARENDRA D [US], et al
- [A] US 5816049 A 19981006 - JOSHI NARENDRA D [US]
- [A] FR 1160902 A 19580813

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JP2009168439A; CN103134080A; CN107466354A; US8739545B2

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 1995521 A1 20081126; WO 2008141959 A1 20081127

DOCDB simple family (application)
EP 07010376 A 20070524; EP 2008055777 W 20080509