

Title (en)
Swirler

Title (de)
Swirler

Title (fr)
Dispositif de tourbillonnement

Publication
EP 2151630 B1 20111012 (DE)

Application
EP 08013950 A 20080804

Priority
EP 08013950 A 20080804

Abstract (en)
[origin: EP2151630A1] The swirler (90) is provided with a hub (92) arranged along an axle (A) and a limiting wall (B) for enclosing the hub. A swirl blade (91) is provided that extends from hub radially outward up to the limiting wall. The cross section formed by the limiting wall perpendicularly to the axle is trapezoidal. An independent claim is included for a blower with pilot combustion zone.

IPC 8 full level
F23R 3/14 (2006.01); **F23C 7/00** (2006.01)

CPC (source: EP)
F23C 7/004 (2013.01); **F23R 3/14** (2013.01)

Citation (examination)
US 2004163392 A1 20040826 - NISHIDA KOICHI [JP], et al

Cited by
EP3404331A1; DE102012002465A1; CN114413284A; US9303875B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2151630 A1 20100210; EP 2151630 B1 20111012; AT E528589 T1 20111015; JP 2010038538 A 20100218; JP 5574635 B2 20140820

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EP 08013950 A 20080804; AT 08013950 T 20080804; JP 2009179079 A 20090731