

Title (en)
MANUFACTURE-FRIENDLY SILENCER

Title (de)
HERSTELLUNGSFREUNDLICHER SCHALLDÄMPFER

Title (fr)
SILENCIEUX À FABRICATION FACILE

Publication
EP 2047073 A1 20090415 (EN)

Application
EP 07785765 A 20070713

Priority
• DK 2007050097 W 20070713
• DK PA200600986 A 20060714

Abstract (en)
[origin: WO2008006383A1] Among others in order to provide efficient and manufacture-friendly configurable silencers, with preferred noise attenuation and pressure-drop characteristics, there is disclosed a silencer with a casing (3) having a longitudinal centre axis and at least one inlet (8) and at least one outlet (9) and at least one internal silencing section (2) extending between the inlet (7) and the outlet (8). The silencing section is along the longitudinal centre axis geometrically delimited by an inlet face (12) and an outlet face (13) and, in a direction transverse to, preferably perpendicular to a longitudinal centre axis, comprising a core region. The silencing section further comprising at least three oblong slots (18) extending outwards from the core region towards the casing (3) and extending from the inlet face (12) to the outlet face (13). The side walls of the slots (18) being essentially plane along an outwards extension.

IPC 8 full level
F01N 1/04 (2006.01); **B01D 53/34** (2006.01); **F01N 1/08** (2006.01); **F01N 1/10** (2006.01); **F01N 1/24** (2006.01)

CPC (source: EP)
F01N 1/02 (2013.01); **F01N 1/04** (2013.01); **F01N 1/08** (2013.01); **F01N 1/087** (2013.01); **F01N 1/10** (2013.01); **F01N 1/24** (2013.01); **F01N 3/206** (2013.01); **F01N 2230/04** (2013.01); **F01N 2240/20** (2013.01); **F02B 37/00** (2013.01)

Citation (search report)
See references of WO 2008006383A1

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)
WO 2008006383 A1 20080117; AT E525551 T1 20111015; EP 2047073 A1 20090415; EP 2047073 B1 20110921

DOCDB simple family (application)
DK 2007050097 W 20070713; AT 07785765 T 20070713; EP 07785765 A 20070713