

Title (en)

SILENCER AND METHOD FOR DESIGNING THE SAME

Title (de)

SCHALLDÄMPFER UND VERFAHREN ZU SEINER AUSLEGUNG

Title (fr)

SILENCIEUX ET SON PROCEDE DE CONCEPTION

Publication

EP 1540148 B1 20070411 (DE)

Application

EP 03767495 A 20030917

Priority

- DE 10243225 A 20020917
- EP 0310344 W 20030917

Abstract (en)

[origin: WO2004027231A2] The invention relates to a silencer comprising a silencer housing (1) and at least one inlet (3) and one outlet (4) for a waste gas. At least one functional surface (8) and at least one bead (5, 6, 7) are sunk into the housing surface (2), and the beads (5, 6, 7) have at least one specific irregularity in the form and/or arrangement thereof for reducing the sound radiation. The invention also relates to a method for designing a silencer.

IPC 8 full level

F01N 1/00 (2006.01); **F01N 13/00** (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP)

F01N 1/00 (2013.01); **F01N 13/00** (2013.01); **F01N 13/1872** (2013.01); **F01N 13/1888** (2013.01); **F01N 2260/18** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004027231 A2 20040401; **WO 2004027231 A3 20040429**; AT E359434 T1 20070515; CN 100366868 C 20080206; CN 1682015 A 20051012; DE 10243225 A1 20040325; DE 50307035 D1 20070524; EP 1540148 A2 20050615; EP 1540148 B1 20070411; ES 2285197 T3 20071116

DOCDB simple family (application)

EP 0310344 W 20030917; AT 03767495 T 20030917; CN 03822070 A 20030917; DE 10243225 A 20020917; DE 50307035 T 20030917; EP 03767495 A 20030917; ES 03767495 T 20030917