

Title (en)
VEHICLE EXHAUST MUFFLER AND FABRICATION METHOD

Title (de)
FAHRZEUGSCHALLDÄMPFER UND HERSTELLUNGSVERFAHREN

Title (fr)
SILENCIEUX DE VEHICULE ET PROCÉDÉ DE PRODUCTION

Publication
EP 1888891 B2 20131113 (DE)

Application
EP 06723855 A 20060330

Priority
• EP 2006002888 W 20060330
• DE 102005026376 A 20050608

Abstract (en)
[origin: WO2006131165A1] A vehicle exhaust muffler, which is provided with a wound design, has a pipe (31), which extends through the peripheral wall (7), is welded on one side to the peripheral wall (7) and is fastened on the other to a retaining wall (23) of an inner lying insert by means of mechanical shaping.

IPC 8 full level
F01N 1/08 (2006.01); **F01N 13/18** (2010.01)

CPC (source: EP KR US)
F01N 1/08 (2013.01 - EP US); **F01N 13/00** (2013.01 - KR); **F01N 13/18** (2013.01 - KR); **F01N 13/185** (2013.01 - EP US); **Y10T 29/49389** (2015.01 - EP US); **Y10T 29/49398** (2015.01 - EP US)

Cited by
DE102009035738A1; DE102009023029A1; DE102016123139A1; EP4108890A1; US8205713B2; DE102009023029B4; US10815847B2; EP2375017A2; DE102010014573A1; EP4112892A1; DE102021116802A1; EP4098851A1; DE102021114254A1; DE102021115962A1

Designated contracting state (EPC)
DE ES FR

DOCDB simple family (publication)
DE 102005026376 A1 20061214; **DE 102005026376 B4 20151022**; **DE 102005026376 C5 20190502**; CN 101194089 A 20080604; CN 101194089 B 20120704; DE 502006001349 D1 20080925; EP 1888891 A1 20080220; EP 1888891 B1 20080813; EP 1888891 B2 20131113; ES 2313633 T3 20090301; KR 101041542 B1 20110617; KR 101045900 B1 20110701; KR 20080017446 A 20080226; KR 20100045529 A 20100503; US 2008196969 A1 20080821; US 8051949 B2 20111108; WO 2006131165 A1 20061214

DOCDB simple family (application)
DE 102005026376 A 20050608; CN 200680020301 A 20060330; DE 502006001349 T 20060330; EP 06723855 A 20060330; EP 2006002888 W 20060330; ES 06723855 T 20060330; KR 20087000281 A 20060330; KR 20107007966 A 20060330; US 91668006 A 20060330