

Title (en)  
VEHICLE EXHAUST MUFFLER

Title (de)  
FAHRZEUGSCHALLDÄMPFER

Title (fr)  
SILENCIEUX DE VEHICULE

Publication  
**EP 1888891 A1 20080220 (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 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)

Citation (search report)  
See references of WO 2006131165A1

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)  
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