

Title (en)  
MUFFLER SYSTEM

Title (de)  
SCHALLDÄMPFERBAUGRUPPE

Title (fr)  
SYSTEME DE SILENCIEUX

Publication  
**EP 3514345 A1 20190724 (DE)**

Application  
**EP 19151538 A 20190114**

Priority  
DE 102018101139 A 20180119

Abstract (en)  
[origin: US2019226384A1] A muffler assembly unit for an exhaust system of an internal combustion engine, especially in a vehicle, includes a muffler (42) with a muffler housing (10). The muffler housing (10) is elongated along a longitudinal axis of the housing. A housing jacket (40) encloses the muffler housing (10). At least one air guiding bulge (34) is provided on the housing jacket (40).

Abstract (de)  
Eine Schalldämpferbaugruppe für eine Abgasanlage einer Brennkraftmaschine, insbesondere in einem Fahrzeug umfasst einen Schalldämpfer (42) mit einem entlang einer Gehäuselängsachse langgestreckten Schalldämpfergehäuse (10) und eine das Schalldämpfergehäuse (10) umkleidende Gehäusehülle (40), wobei an der Gehäusehülle (40) wenigstens eine Luftleitausformung (34) vorgesehen ist.

IPC 8 full level  
**F01N 13/18** (2010.01); **F01N 1/00** (2006.01)

CPC (source: CN EP US)  
**F01N 1/00** (2013.01 - EP); **F01N 1/10** (2013.01 - CN); **F01N 13/007** (2013.01 - CN); **F01N 13/141** (2013.01 - US); **F01N 13/143** (2013.01 - US); **F01N 13/1877** (2013.01 - EP US); **F01N 13/1888** (2013.01 - US); **F01N 1/24** (2013.01 - US); **F01N 13/08** (2013.01 - US); **F01N 2260/02** (2013.01 - EP US); **F01N 2260/022** (2013.01 - US); **F01N 2260/20** (2013.01 - EP US); **G10K 11/162** (2013.01 - US)

Citation (search report)

- [X] US 5183130 A 19930202 - NAKAMURA MICHIO [JP], et al
- [X] US 6435272 B1 20020820 - VOSS RANDY E [US]
- [X] EP 2573339 A1 20130327 - HONDA MOTOR CO LTD [JP]
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3514345 A1 20190724**; **EP 3514345 B1 20230412**; CN 110056419 A 20190726; CN 110056419 B 20220415; DE 102018101139 A1 20190725; US 11242793 B2 20220208; US 2019226384 A1 20190725

DOCDB simple family (application)  
**EP 19151538 A 20190114**; CN 201910024917 A 20190111; DE 102018101139 A 20180119; US 201916249258 A 20190116