

Title (en)
MUFFLER SYSTEM

Title (de)
SCHALLDÄMPFERBAUGRUPPE

Title (fr)
SYSTÈME DE SILENCIEUX

Publication
EP 3514345 B1 20230412 (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).

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 (examination)
EP 2573339 B1 20140910 - HONDA MOTOR CO LTD [JP]

Cited by
EP3743604B1

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

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