

Title (en)
Silencer for an exhaust gas system

Title (de)
Schalldämpfer für eine Abgasanlage

Title (fr)
Silencieux pour un système d'échappement

Publication
EP 1795719 A1 20070613 (DE)

Application
EP 06122630 A 20061020

Priority
DE 102005052619 A 20051102

Abstract (en)
The muffler has two exhaust gas-carrying pipes connectable to corresponding exhaust line of an exhaust system or forming an integral component of respective exhaust line. A housing contains a damper space arranged between two carrying pipes and has two longitudinal side walls, where each of the side walls is formed by two wall section of each of two pipes. The housing has half-shells manufactured by deep thawing and are designed as identical parts. Side walls, top wall and bottom wall are each mounted on two pipes and the mounting is accomplished with the help of a weld (30). An independent claim is also included for an exhaust muffler system comprising a muffler.

IPC 8 full level
F01N 1/00 (2006.01); **F01N 13/04** (2010.01); **F01N 1/24** (2006.01); **F01N 13/18** (2010.01)

CPC (source: EP US)
F01N 1/003 (2013.01 - EP US); **F01N 1/24** (2013.01 - EP US); **F01N 13/1872** (2013.01 - EP US); **F01N 13/1894** (2013.01 - EP US); **F01N 2450/22** (2013.01 - EP US); **F01N 2470/02** (2013.01 - EP US); **F01N 2490/15** (2013.01 - EP US)

Citation (applicant)
EP 1748164 A1 20070131 - HONDA MOTOR CO LTD [JP]

Citation (search report)

- [A] JP S5893922 A 19830603 - NIHON RADIATOR CO
- [A] JP S5893919 A 19830603 - NIHON RADIATOR CO
- [A] WO 2005005800 A1 20050120 - DAIMLER CHRYSLER AG [DE], et al
- [A] FR 2867234 A1 20050909 - PEUGEOT CITROEN AUTOMOBILES SA [FR]
- [A] FR 1249708 A 19601230 - EBERSPAECHER J
- [A] FR 875081 A 19420905 - EBERSPAECHER J
- [A] EP 1548701 A1 20050629 - MARK IV SYSTEMES MOTEURS SA [FR]

Designated contracting state (EPC)
DE FR GB IT

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
US 2007045041 A1 20070301; CN 1959077 A 20070509; DE 102005052619 A1 20070503; DE 102005052619 B4 20121018; DE 502006006229 D1 20100408; EP 1795719 A1 20070613; EP 1795719 B1 20100224

DOCDB simple family (application)
US 58962906 A 20061030; CN 200610138505 A 20061102; DE 102005052619 A 20051102; DE 502006006229 T 20061020; EP 06122630 A 20061020