

Title (en)
Sound absorber

Title (de)
Schalldämpfer

Title (fr)
Amortisseur de bruit

Publication
EP 2362076 A3 20120516 (DE)

Application
EP 11150812 A 20110113

Priority
DE 102010008403 A 20100218

Abstract (en)
[origin: EP2362076A2] The silencer (1) has a housing (2), in which an exit space (3) is provided, and an exit tube assembly (4) leading out from the housing, which is connected with intake-side of the exit space. The exit tube assembly has a return pipe (8) and an outlet pipe (9).

IPC 8 full level
F01N 1/08 (2006.01)

CPC (source: EP US)
F01N 1/084 (2013.01 - EP US)

Citation (search report)

- [X] EP 1442905 A2 20040804 - EBERSPAECHER J GMBH & CO [DE]
- [X] WO 9743528 A1 19971120 - SILENTOR AS [DK], et al
- [X] DE 1695647 U 19550331 - IHNE WILLIBALD [DE]
- [X] EP 0713046 A1 19960522 - BAYER AG [DE]
- [X] EP 0243559 A1 19871104 - BOET SA ANDRE [FR]
- [X] NL 7215065 A 19740510
- [X] BE 513629 A
- [A] US 2005210865 A1 20050929 - BOLANDER THOMAS E [US], et al

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 2362076 A2 20110831; EP 2362076 A3 20120516; EP 2362076 B1 20140402; CN 102162386 A 20110824; CN 102162386 B 20150617; DE 102010008403 A1 20110818; JP 2011169323 A 20110901; JP 6039880 B2 20161207; US 2011198150 A1 20110818; US 8302732 B2 20121106

DOCDB simple family (application)
EP 11150812 A 20110113; CN 201110040196 A 20110218; DE 102010008403 A 20100218; JP 2011031401 A 20110216; US 201113028561 A 20110216