

Title (en)
Silencer

Title (de)
Schalldämpfer

Title (fr)
Silencieux

Publication
EP 2196640 B1 20141008 (DE)

Application
EP 09014710 A 20091125

Priority
DE 102008062014 A 20081212

Abstract (en)
[origin: EP2196640A2] The silencer (10) has a jacket (14) and two front walls (16,18), a housing (12) comprising an exhaust gas inlet opening and an exhaust gas outlet opening and silencer elements placed in the housing. The silencer elements placed in the housing comprise an inlet or outlet pipe section (24), which opens in a jacket side exhaust gas inlet opening or exhaust gas outlet opening (20) of the housing with an end or extends outward through these. The exhaust gas inlet opening or exhaust outlet opening is provided with a locking plate (26). An independent claim is also included for a method for manufacturing a silencer.

IPC 8 full level
F01N 1/02 (2006.01); **F01N 1/10** (2006.01); **F01N 13/18** (2010.01)

CPC (source: EP)
F01N 1/02 (2013.01); **F01N 1/023** (2013.01); **F01N 1/10** (2013.01); **F01N 13/1838** (2013.01); **F01N 2450/22** (2013.01); **F01N 2470/14** (2013.01); **F01N 2470/18** (2013.01)

Cited by
US9605580B2; EP2944784A4; CN107687362A; CN105121796A; US2016053658A1; US11421569B2; US11415031B2; US10196947B2; WO2014183978A1; US9945276B2

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2196640 A2 20100616; EP 2196640 A3 20120718; EP 2196640 B1 20141008; DE 102008062014 A1 20100617

DOCDB simple family (application)
EP 09014710 A 20091125; DE 102008062014 A 20081212