

Title (en)
Intermediate cross connection for an exhaust system

Title (de)
Übersprecher für eine Abgasanlage

Title (fr)
Liaison intermédiaire pour dispositif d'échappement

Publication
EP 1788216 A1 20070523 (DE)

Application
EP 06122634 A 20061020

Priority
DE 102005055046 A 20051116

Abstract (en)
The device (5) has two inlets (7, 8) and outlets (9, 10) communicating with one another through an interior (11) of a housing (6). A main direction of flow (13) leads from the inlets to the outlets within respective exhaust lines (2, 3). The housing is assembled from two identical half-shells that have a parting plane. The parting plane extends across the main direction of flow, but does not extend through the inlet and the outlet. The half-shells are configured to be placed one inside another in the main direction of the flow, where plug-in areas of the shells are mutually overlapped. An independent claim is also included for an exhaust system for an internal combustion engine.

IPC 8 full level
F01N 13/04 (2010.01); **F01N 13/08** (2010.01)

CPC (source: EP US)
F01N 13/04 (2013.01 - EP US); **F01N 13/08** (2013.01 - EP US)

Citation (search report)

- [A] GB 2161215 A 19860108 - SHELBURNE INC
- [A] GB 995528 A 19650616 - DAIMLER BENZ AG
- [A] GB 1104020 A 19680221 - DAIMLER BENZ AG

Designated contracting state (EPC)
DE FR GB IT

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1788216 A1 20070523; EP 1788216 B1 20080827; DE 102005055046 A1 20070524; DE 502006001434 D1 20081009; US 2007107707 A1 20070517; US 7866709 B2 20110111

DOCDB simple family (application)
EP 06122634 A 20061020; DE 102005055046 A 20051116; DE 502006001434 T 20061020; US 59953906 A 20061114