

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