

Title (en)  
DEVICE FOR FASTENING A HEAT SHIELD ON AN EXHAUST SYSTEM

Publication  
**EP 0432069 B1 19930804 (FR)**

Application  
**EP 90440110 A 19901123**

Priority  
FR 8916163 A 19891204

Abstract (en)  
[origin: EP0432069A1] With regard to silencers incorporated in an exhaust system and surmounted by a heat shield (2), it is necessary to use a device (1) for ensuring the fastening of this heat shield (2) to the pipe sections (6, 7) extending on either side of said silencer (5), this device being capable of mitigating the differential expansions of these elements thus associated, without the risk of vibrations, and its mounting being automatable. To achieve this, this device consists of split rings (10) fitted onto the pipe sections (6, 7) extending on either side of the silencer or silencers (5) surmounted by a shield (2), these split rings (10) gripping the ends (8, 9) of this shield (2) on said pipe sections (6, 7) and interacting with means for connection by welding (11) so as to keep them tightly secured. <IMAGE>

IPC 1-7  
**F01N 7/14; F01N 7/18**

IPC 8 full level  
**F01N 13/14** (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP)  
**F01N 13/14** (2013.01); **F01N 13/1838** (2013.01); **F01N 13/1888** (2013.01); **F01N 2450/22** (2013.01)

Cited by  
CN106368786A

Designated contracting state (EPC)  
AT BE CH DE DK ES GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0432069 A1 19910612; EP 0432069 B1 19930804**; AT E92591 T1 19930815; DE 69002594 D1 19930909; FR 2655392 A1 19910607; FR 2655392 B1 19920228

DOCDB simple family (application)  
**EP 90440110 A 19901123**; AT 90440110 T 19901123; DE 69002594 T 19901123; FR 8916163 A 19891204