

Title (en)

Device for connecting an exhaust gas recirculation system with an intake system of a combustion engine

Title (de)

Vorrichtung zum Verbinden eines Abgasrückführsystems mit einer Sauganlage eines Verbrennungsmotors

Title (fr)

Dispositif pour relier un système de recirculation de gaz d'échappement à un système d'admission d'un moteur à combustion

Publication

EP 0736683 A3 19970409 (DE)

Application

EP 96103707 A 19960309

Priority

DE 19512941 A 19950406

Abstract (en)

[origin: EP0736683A2] The connecting device includes a tubular connecting flange (15) on the exhaust gas return system (10). The induction device (11) has a receiver (24) with tubular aperture (25) for the connecting flange. The flange and the receiver have at least one bayonet lock (27,30). The bayonet lock holds the connecting flange in the receiver. The external surface of the flange may have at least two gudgeons (17). The internal wall of the receiver for each gudgeon has a slideway (30) for the axial and radial insertion of the pins.

IPC 1-7

F02M 35/10; **F02M 25/07**

IPC 8 full level

F02M 25/07 (2006.01); **F02M 26/12** (2016.01); **F02M 26/21** (2016.01); **F02M 35/10** (2006.01)

CPC (source: EP)

F02M 26/12 (2016.02); **F02M 26/21** (2016.02); **F02M 35/10144** (2013.01); **F02M 35/10222** (2013.01); **F02M 26/70** (2016.02); **F05C 2225/08** (2013.01)

Citation (search report)

- [XY] US 5201549 A 19930413 - DAVEY MARK J [US]
- [Y] DE 3509774 A1 19861002 - WITZENMANN METALLSCHLAUCHFAB [DE]
- [A] FR 2706976 A1 19941230 - SOLVAY [BE]
- [X] US 5425347 A 19950620 - ZINKE II JAMES R [US]
- [A] DE 4310510 A1 19941006 - FREUDENBERG CARL FA [DE]

Cited by

EP1167740A3; EP1207295A1; GB2484481A; GB2484481B; GB2478008A; GB2478008B; US6299661B1; US8763592B2; US6672292B2; WO0123738A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0736683 A2 19961009; **EP 0736683 A3 19970409**; DE 19512941 A1 19961024; DE 19512941 C2 19970220

DOCDB simple family (application)

EP 96103707 A 19960309; DE 19512941 A 19950406