

Title (en)
Clip and fuel injector assembly

Title (de)
Klammer und Kraftstoffeinspritzvorrichtung

Title (fr)
Clip et dispositif d'injection de carburant

Publication
EP 1703121 A1 20060920 (EN)

Application
EP 05004044 A 20050224

Priority
EP 05004044 A 20050224

Abstract (en)

A fuel injector assembly comprises a fuel injector 1, a fuel rail 2 and a clip 15. The clip 15 is suitable for connecting and positioning a fuel injector 1 to a fuel rail 2. The clip comprises first recess 9 being designed for retaining a fuel injector 1 and comprises a second recess 10 that communicates with the first recess 9. The second recess 10 is designed for retaining an injector guide 13 which is connected to the fuel injector 1. The clip further comprises a third recess 11 being designed for retaining a cup guide 14 of the cup 3 of the fuel rail 2.

IPC 8 full level
F02M 61/14 (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP)
F02M 55/005 (2013.01); **F02M 55/025** (2013.01); **F02M 61/14** (2013.01); **F02M 61/168** (2013.01); **F02M 63/0225** (2013.01);
F02M 69/465 (2013.01); **F02M 2200/8023** (2013.01)

Citation (search report)

- [XY] US 2003183200 A1 20031002 - BUGOS STEPHEN C [US]
- [Y] WO 02073025 A1 20020919 - BOSCH GMBH ROBERT [DE], et al
- [X] US 5803052 A 19980908 - LORRAINE JACK R [US], et al
- [X] DE 19536441 A1 19970403 - SAAB AUTOMOBILE [SE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04 31 August 2000 (2000-08-31)

Cited by
JP2012251482A; KR20100094427A; US11242833B2; US8564007B2; EP2221469A1; US8408184B2

Designated contracting state (EPC)

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