

Title (en)
Injector clamp

Title (de)
Befestigungsbügel der Injektoren

Title (fr)
Bride de fixation d'injecteur

Publication
EP 1482169 A2 20041201 (EN)

Application
EP 04252501 A 20040430

Priority
GB 0312406 A 20030529

Abstract (en)
An injector clamp (80) for securely clamping a plurality of fuel injectors (14) to an engine housing (16) is described. The clamp comprises a plurality of rigid clamp regions (82) separated by flexible clamp regions (84), each of the clamp regions (82) providing clamping means (56) for clamping an injector (14) to the engine housing (16). The injector clamp (80) further comprises a fuel passageway (22) for fluidically connecting a high pressure fuel inlet to the plurality of fuel injectors. The flexible clamp regions (84) allow the injector clamp (80) to bend to adapt to variations of height of each fuel injector (14). An injector assembly suitable for mounting in an engine housing is also described.
The clamp has a set of rigid clamp regions (82) separated by flexible clamp regions (84). The clamp regions (82) include clamping units for clamping a set of fuel injectors to an engine housing. A fuel passageway fluidically connects a high pressure fuel inlet to the fuel injectors. A locating unit that is engageable with the fuel injectors permits horizontal and/or vertical movement of an injector assembly. An independent claim is also included for an injector assembly suitable for mounting in engine housing.

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IPC 8 full level
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CPC (source: EP)
F02M 55/005 (2013.01); **F02M 55/025** (2013.01); **F02M 61/14** (2013.01)

Cited by
EP1746283A1; EP1746282A1; CN104395599A; US2023076972A1; US11692521B2; EP3002445A1; CN105464872A; JP2016070188A; US10041458B2; US11674488B2; WO2020242937A1; WO2013156215A1

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