

Title (en)
Coupling device

Title (de)
Kupplungsvorrichtung

Title (fr)
Dispositif de couplage

Publication
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Application
EP 10002236 A 20100304

Priority
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Abstract (en)
[origin: EP2363593A1] The invention concerns a coupling device (40) for mechanically coupling a fuel rail (18) to a cylinder head (70) of a combustion engine (22). The coupling device (40) comprises a fuel injector cup (30) being designed to be hydraulically and mechanically coupled to the fuel rail (70) and comprising a through hole (42) extending between a first surface (44) and a second surface (46) of the fuel injector cup (30), the second surface (46) being arranged and designed to face the cylinder head (70), and a fastening element (48) being designed to be fixedly coupled to the cylinder head (70), the fastening element (48) comprising a head portion (50) and a shank portion (52), the head portion (50) facing the first surface (44) of the fuel injector cup (30), the shank portion (52) being partially arranged in the through hole (42) and being designed to be in engagement with the cylinder head (70). The coupling device (40) comprises a first spring element (56) being arranged axially between the head portion (50) and the first surface (44) of the fuel injector cup (30), and a second spring element (58) facing the second surface (46) of the fuel injector cup (30) and being arrangeable axially between the second surface (46) of the fuel injector cup (30) and the cylinder head (70). At least one of the spring elements (56, 58) consists of a rubber or comprises a rubber.

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Cited by
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