

Title (en)
Fuel injector assembly

Title (de)
Kraftstoffeinspritzvorrichtung

Title (fr)
Assemblage d'injecteur de carburant

Publication
EP 1793122 A1 20070606 (EN)

Application
EP 05026379 A 20051202

Priority
EP 05026379 A 20051202

Abstract (en)
Fuel injector assembly including a central longitudinal axis (L) comprising a fuel injector (20) with a fuel inlet portion (26) and an outer surface (28), and a fuel injector cup (38) with an inner surface (40), an outer surface (42) and an end section (44). The fuel inlet portion (26) of the fuel injector (20) is designed to interact with the end section (44) of the fuel injector cup (38). The inner surface (40) of the fuel injector cup (38) is designed to sealingly engage the outer surface (28) of the fuel injector (20). The outer surface (28) of the fuel injector (20) comprises a projection (30), the end section (44) of the fuel injector cup (38) comprises a protrusion (46), and the protrusion (46) engages the projection (30) of the fuel injector (20) for retaining the fuel injector (20) in the fuel injector cup (38) in direction of the central longitudinal axis (L).

IPC 8 full level
F02M 69/46 (2006.01); **F02M 55/00** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)
F02M 61/14 (2013.01); **F02M 69/465** (2013.01); **F02M 2200/851** (2013.01); **F02M 2200/852** (2013.01); **F02M 2200/856** (2013.01)

Citation (search report)
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• [Y] US 6491026 B1 20021210 - ANDORFER MARTIN [DE]
• [A] DE 19546441 A1 19970619 - BOSCH GMBH ROBERT [DE]

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