

Title (en)
Outward opening fuel nozzle

Title (de)
Nach aussen öffnende Kraftstoffeinspritzdüse

Title (fr)
Buse d'injection de combustible à ouverture vers l'extérieur

Publication
EP 1500812 A1 20050126 (EN)

Application
EP 03102305 A 20030725

Priority
EP 03102305 A 20030725

Abstract (en)

An outward opening fuel nozzle comprises a nozzle body (10) and a pintle (12), wherein the pintle (12) comprises a closing member (14) receivable on a seat (18) of the nozzle body (10), the seat (18) defines a first sealing surface (22) co-operating with a second sealing surface (26) on a periphery of the closing member (14), and the pintle (12) is slideable so that the closing member (14) can be lifted from the seat (18) in order to open a fuel passage (30) defined between the first sealing surface (22) and the second sealing surface (26). The first sealing surface (22) and the second sealing surface (26) each comprise at least two conical portions (34, 36, 42, 44) wherein the cone angles (α_1, α_2) of the conical portions differ. <IMAGE>

IPC 1-7
F02M 61/08

IPC 8 full level
F02M 61/08 (2006.01); **F02M 61/18** (2006.01)

CPC (source: EP)
F02M 61/08 (2013.01); **F02M 61/18** (2013.01)

Citation (search report)

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