

Title (en)
FUEL INJECTOR FOR A DUAL FUEL ENGINE

Title (de)
KRAFTSTOFFINJEKTOR FÜR EINEN ZWEIBRENNSTOFFMOTOR

Title (fr)
INJECTEUR DE CARBURANT POUR UN MOTEUR À DEUX COMBUSTIBLES

Publication
EP 3252301 A1 20171206 (EN)

Application
EP 16172747 A 20160602

Priority
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Abstract (en)
A fuel injector (16) for a common rail fuel system (12) is disclosed. The fuel injector (16) comprises a nozzle body (36) extending along a central longitudinal axis (A), and including a central bore (34) having a first cylindrical sealing face (74). The fuel injector (16) further comprises at least one first injection hole (60) extending from a first inlet (64) being spaced apart from the first cylindrical sealing face (74). The fuel injector (16) further comprises at least one second injection hole (62) extending from a second inlet (68) being spaced apart from the first cylindrical sealing face (74). The fuel injector (16) is particularly suitable for use in a dual fuel internal combustion engine.

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
US 6725838 B2 20040427 - SHAFER SCOTT [US], et al

Citation (search report)
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• [X] CA 2767247 A1 20120417 - WESTPORT POWER INC [CA]
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• [XI] JP S59147864 A 19840824 - TOYOTA MOTOR CO LTD
• [XI] JP H0383373 U 19910823
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• [A] US 2004237929 A1 20041202 - CAVANAGH MARK S [US], et al

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