

Title (en)  
FUEL INJECTOR, ESPECIALLY FOR AN INTERNAL-COMBUSTION ENGINE

Publication  
**EP 0072269 B1 19851009 (FR)**

Application  
**EP 82401238 A 19820701**

Priority  
FR 8115406 A 19810807

Abstract (en)  
[origin: ES273654U] A fuel injector for an internal combustion engine comprising a body traversed by an injection conduit and provided with a lateral fuel inlet located in the lower half of the body, the body containing an injector needle continued by a push-member provided with a head upon which bears a return spring urging the injection needle to the closed position and prestressed by means of an adjusting screw, the push-member being sufficiently short to allow the lateral fuel intake to be located above the upper end of the assembly constituted by the adjusting screw, the spring, the push-member and the needle.

IPC 1-7  
**F02M 61/14**

IPC 8 full level  
**F02M 61/10** (2006.01); **F02M 61/14** (2006.01); **F02M 61/20** (2006.01)

CPC (source: EP KR US)  
**F02M 61/10** (2013.01 - KR); **F02M 61/14** (2013.01 - EP US); **F02M 61/205** (2013.01 - EP US)

Citation (examination)  
• GB 1557057 A 19791205 - BOSCH GMBH ROBERT  
• US 3777984 A 19731211 - GREATHOUSE J

Cited by  
FR2554511A1

Designated contracting state (EPC)  
BE CH DE GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0072269 A1 19830216; EP 0072269 B1 19851009**; BR 8204049 A 19830705; CS 241116 B2 19860313; CS 579882 A2 19850716; DD 202595 A5 19830921; DE 3266801 D1 19851114; DK 154167 B 19881017; DK 154167 C 19890320; DK 345482 A 19830208; ES 273654 U 19840401; ES 273654 Y 19841116; FI 70301 B 19860228; FI 70301 C 19860915; FI 822721 A0 19820805; FI 822721 L 19830208; FR 2511084 A1 19830211; FR 2511084 B1 19851004; JP H0549815 B2 19930727; JP S5827879 A 19830218; KR 840000736 A 19840227; KR 880000479 B1 19880407; NO 154238 B 19860505; NO 154238 C 19860813; NO 822692 L 19830208; PL 137105 B1 19860430; PL 237769 A1 19830228; SU 1144623 A3 19850307; US 4480792 A 19841106; YU 168782 A 19880430

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**EP 82401238 A 19820701**; BR 8204049 A 19820712; CS 579882 A 19820803; DD 24232782 A 19820806; DE 3266801 T 19820701; DK 345482 A 19820802; ES 273654 U 19820706; FI 822721 A 19820805; FR 8115406 A 19810807; JP 13505682 A 19820802; KR 820002922 A 19820630; NO 822692 A 19820806; PL 23776982 A 19820804; SU 3463801 A 19820716; US 39092882 A 19820622; YU 168782 A 19820803