

Title (en)  
Fuel injector

Title (de)  
Kraftstoffeinspritzventil

Title (fr)  
Injecteur de combustible

Publication  
**EP 1063422 A1 20001227 (EN)**

Application  
**EP 00305328 A 20000623**

Priority  
GB 9914546 A 19990623

Abstract (en)  
A fuel injector comprising a nozzle body (10) provided with a first bore (11) defining a seating (12), a valve needle (19) being reciprocable within the bore (11) and engageable with the seating (12) to control the delivery of fuel through an outlet opening (13). The fuel injector comprises an elongate guide member (16) mounted within the bore (11), the guide member (16) being provided with a second bore (18) within which part of the valve needle (19) is received to guide the valve needle (19) for movement within the first bore (11). <IMAGE>

IPC 1-7  
**F02M 61/12**; **F02M 47/02**

IPC 8 full level  
**F02M 47/02** (2006.01); **F02M 61/12** (2006.01)

CPC (source: EP)  
**F02M 47/027** (2013.01); **F02M 61/12** (2013.01)

Citation (search report)  
• [X] DE 3736700 A1 19890511 - INTER SYSTEM VERTRIEB GES FUER [DE]  
• [A] GB 2204357 A 19881109 - LUCAS IND PLC  
• [A] EP 0878623 A2 19981118 - LUCAS IND PLC [GB]  
• [A] US 4570853 A 19860218 - SCHMIED KURT [DE]

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Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 1063422 A1 20001227**; **EP 1063422 B1 20050330**; DE 60019026 D1 20050504; DE 60019026 T2 20060126; GB 9914546 D0 19990825

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