

Title (en)  
FUEL INJECTORS

Title (de)  
KRAFTSTOFFEINSPRITZER

Title (fr)  
INJECTEURS DE CARBURANT

Publication  
**EP 3225830 A1 20171004 (EN)**

Application  
**EP 17160210 A 20170309**

Priority  
GB 201605475 A 20160331

Abstract (en)  
The invention comprises a fuel injector (20) for supplying fuel to a fuel combustion engine, the fuel injector (20) comprising an injector body (21) adapted to receive an injector assembly and supply fuel thereto and a backleak nipple (23a) communicating with an internal chamber of the injector body (21), the backleak nipple (23a) being connected to a backleak pipe (24) via a backleak connector (23) for returning excess fuel to a low pressure fuel tank. The fuel injector (20) comprises a support mechanism (25) adapted to bias the backleak pipe (24) towards the injector body (21).

IPC 8 full level  
**F02M 55/00** (2006.01); **F02M 61/14** (2006.01)

CPC (source: EP GB)  
**F02M 55/002** (2013.01 - EP GB); **F02M 61/14** (2013.01 - EP); **F02M 69/462** (2013.01 - GB); **F02M 2200/853** (2013.01 - EP)

Citation (search report)

- [XY] WO 2004088119 A1 20041014 - SIEMENS AG [DE], et al
- [Y] DE 102004048401 A1 20060406 - BOSCH GMBH ROBERT [DE]
- [X] US 2008302430 A1 20081211 - BRAUN MARION [DE], et al
- [XY] WO 03040607 A1 20030515 - BOSCH GMBH ROBERT [DE], et al
- [Y] FR 2450357 A1 19800926 - BOSCH GMBH ROBERT [DE]

Citation (examination)  
WO 2015068867 A1 20150514 - NIFCO KOREA INC [KR]

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