

Title (en)  
A FUEL INJECTOR WITH A NEW SHIM

Title (de)  
KRAFTSTOFFINJEKTOR MIT EINER NEUEN PLATTE

Title (fr)  
INJECTEUR DE CARBURANT À NOUVELLE CALE

Publication  
**EP 3334923 A1 20180620 (EN)**

Application  
**EP 16756630 A 20160809**

Priority  
• TR 201509949 A 20150811  
• EP 2016068937 W 20160809

Abstract (en)  
[origin: WO2017025529A1] The present invention relates to a fuel injector in order to be used in internal combustion engines and comprising a magnetic element (20) positioned inside a casing (10), at least one armature element (30) which displaces as a result of the effect of said magnetic element (20), and at least one shim (40) provided between the armature element (30) and the magnetic element (20), characterized in that the shim (40) comprises at least one fixation section (43) remaining between the magnetic element (20) and the holder wall (11) provided on the side of the casing (10) facing the armature element (30).

IPC 8 full level  
**F02M 63/00** (2006.01); **F02M 47/02** (2006.01); **F02M 51/06** (2006.01); **H01F 7/08** (2006.01)

CPC (source: EP)  
**F02M 47/027** (2013.01); **F02M 51/0625** (2013.01); **F02M 63/0021** (2013.01); **F02M 63/0075** (2013.01); **F02M 2200/07** (2013.01); **F02M 2200/9069** (2013.01); **H01F 2007/1661** (2013.01)

Citation (search report)  
See references of WO 2017025529A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2017025529 A1 20170216**; EP 3334923 A1 20180620; TR 201509949 A2 20170221

DOCDB simple family (application)  
**EP 2016068937 W 20160809**; EP 16756630 A 20160809; TR 201509949 A 20150811