

Title (en)
INJECTOR FOR INJECTING FUEL

Title (de)
INJEKTOR ZUM EINSPRITZEN VON KRAFTSTOFF

Title (fr)
INJECTEUR POUR L'INJECTION DE CARBURANT

Publication
EP 3655641 A1 20200527 (DE)

Application
EP 18743521 A 20180720

Priority
• DE 102017116383 A 20170720
• EP 2018069837 W 20180720

Abstract (en)
[origin: WO2019016398A1] The present invention relates to an injector (1) for injecting fuel, comprising an injector housing (2) for receiving at least one injector component, and an electromagnet (3) for controlling a valve (4) for opening and closing the injector, wherein the electromagnet (3) has a coil winding (31) and a magnetic body (32, 33), and wherein the injector housing (2) is designed in one piece with the magnetic body (32, 33).

IPC 8 full level
F02M 47/02 (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP US)
F02M 47/027 (2013.01 - EP); **F02M 61/166** (2013.01 - EP US); **F02M 61/168** (2013.01 - EP); **F02M 63/0019** (2013.01 - EP US); **F02M 63/0033** (2013.01 - US); **H01F 7/081** (2013.01 - EP); **H01F 7/1638** (2013.01 - EP); **F02M 2200/9053** (2013.01 - EP US)

Citation (search report)
See references of WO 2019016398A1

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 2019016398 A1 20190124; CN 111094737 A 20200501; CN 111094737 B 20220920; DE 102017116383 A1 20190124; EP 3655641 A1 20200527; EP 3655641 B1 20231004; US 11319913 B2 20220503; US 2020318596 A1 20201008

DOCDB simple family (application)
EP 2018069837 W 20180720; CN 201880053833 A 20180720; DE 102017116383 A 20170720; EP 18743521 A 20180720; US 201816632524 A 20180720