

Title (en)  
Fuel injection arrangement

Title (de)  
Kraftstoffeinspritzungsanordnung

Title (fr)  
Agencement d'injection de carburant

Publication  
**EP 3032091 A1 20160615 (EN)**

Application  
**EP 14196725 A 20141208**

Priority  
EP 14196725 A 20141208

Abstract (en)  
The fuel injection arrangement for a piston engine comprises a number of fuel injection pumps (1), each fuel injection pump (1) being configured to inject liquid fuel into a cylinder of the engine, at least one feed pump (2) for supplying fuel to the fuel injection pumps (1), fuel supply line (3) connecting the fuel injection pumps (1) to the feed pump (2), a return line (4) for receiving excess fuel from the fuel injection pumps (1), and pressure regulating means (8) arranged in the return line (4). The arrangement is provided with a bypass line (5) allowing outflow from the fuel supply line (3) and/or the return line (4) for reducing pressure pulsations.

IPC 8 full level  
**F02M 69/54** (2006.01); **F02M 55/00** (2006.01); **F02M 55/04** (2006.01); **F02M 57/02** (2006.01); **F02M 59/02** (2006.01)

CPC (source: EP)  
**F02M 55/002** (2013.01); **F02M 55/04** (2013.01); **F02M 57/02** (2013.01); **F02M 59/027** (2013.01); **F02M 69/54** (2013.01); **F02M 2200/315** (2013.01)

Citation (search report)  
• [X] WO 2012175800 A2 20121227 - WAERTSILAE FINLAND OY [FI], et al  
• [A] WO 03093668 A1 20031113 - DELPHI TECH INC [US], et al

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)  
**EP 3032091 A1 20160615; EP 3032091 B1 20190320**

DOCDB simple family (application)  
**EP 14196725 A 20141208**