

Title (en)

FUEL RAIL FOR A FUEL INJECTION SYSTEM AND METHOD OF MANUFACTURING SUCH A FUEL RAIL

Title (de)

KRAFTSTOFFZULEITER FÜR EIN KRAFTSTOFFEINSPRITZSYSTEM UND VERFAHREN ZUR HERSTELLUNG SOLCH EINES KRAFTSTOFFZUTEILERS

Title (fr)

RAMPE DE CARBURANT DESTINÉE À UN SYSTÈME D'INJECTION DE CARBURANT ET PROCÉDÉ DE FABRICATION D'UNE TELLE RAMPE DE CARBURANT

Publication

EP 3604787 B1 20211006 (EN)

Application

EP 18187317 A 20180803

Priority

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Abstract (en)

[origin: EP3604787A1] A fuel rail (2) for a fuel injection system for an internal combustion engine comprises an elongate body (4) having a peripheral wall (6) defining a fuel reservoir (8) and having a fuel inlet (10), a plurality of fuel outlets (14) spaced along the fuel rail (2), and at least one fastening point (12) to enable the fuel rail (2) to be secured to an engine. A thickness of the peripheral wall (6) is variable along its length and is thicker in regions subject, in operation, to higher stress. The fuel rail (2) may be manufactured using an additive manufacturing technology.

IPC 8 full level

F02M 55/02 (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)

F02M 55/025 (2013.01); **F02M 61/168** (2013.01)

Citation (examination)

US 2004118382 A1 20040624 - USUI MASAYOSHI [JP], et al

Cited by

WO2022089883A3

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