

Title (en)

A FUEL INJECTION UNIT FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

KRAFTSTOFFEINSPRITZEINHEIT FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)

UNITÉ D'INJECTION DE CARBURANT DESTINÉE À UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: WO2016142570A1] The present invention discusses a novel fuel injection unit for a large internal combustion engine having a common rail fuel system. The fuel injection unit (10) of the present invention is connected to the common rail fuel system, the fuel injection unit (10) comprising a first nozzle (22) and a second nozzle (24), the first nozzle (22) having a first needle control volume (34) connected by means of a flow passage (48) with a first control valve (16), the first nozzle (22) and the second nozzle (24) having a common needle cavity (30), wherein a flow fuse(50) arranged in connection with the flow passage (48) connecting the first needle control volume (34) to the first control valve (16).

IPC 8 full level

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Citation (search report)

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