

Title (en)

PRESSURE TRANSMITTER FOR A FUEL INJECTION SYSTEM FOR INTERNAL COMBUSTION ENGINES INVOLVING HYDRAULICALLY SUPPORTED REFILLING

Title (de)

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Title (fr)

MULTIPLICATEUR DE PRESSION POUR SYSTÈME D'INJECTION DE CARBURANT POUR MOTEURS À COMBUSTION INTERNE À REMPLISSAGE ASSISTÉ HYDRAULIQUEMENT

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Application

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Abstract (en)

[origin: DE19949525A1] The invention relates to an injection system for internal combustion engines having a pressure transmitter. The stepped piston (5) of the pressure transmitter is moved backwards into the original position thereof by means of a pressure wave. The second pressure chamber (3) or the injection nozzle (21) is simultaneously refilled from the leak-oil return (39).

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