

Title (en)

DEVICE AND METHOD FOR MEASURING THE INJECTED-FUEL QUANTITY OF INJECTION SYSTEMS, IN PARTICULAR FOR INTERNAL COMBUSTION ENGINES OF MOTOR VEHICLES

Title (de)

VORRICHTUNG UND VERFAHREN ZUM MESSEN DER EINSPRITZMENGE VON EINSPRITZSYSTEM, INSBESONDERE FÜR BRENNKRAFTMASCHINEN VON KRAFTFAHRZEUGEN

Title (fr)

DISPOSITIF ET PROCEDE DE MESURE DE LA QUANTITE INJECTEE D'UN SYSTEME D'INJECTION, NOTAMMENT DANS LE CAS DE MOTEURS A COMBUSTION INTERNE AUTOMOBILES

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Application

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Priority

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Abstract (en)

[origin: WO02054038A2] The invention relates to a device (10) for measuring the injected-fuel quantity of injection systems (32), in particular for internal combustion engines and in particular in an in-process inspection, comprising a measuring chamber (45). The invention is also provided with a connection device (28), which allows at least one injection system (32) to be connected to the measuring chamber (45) in a pressure-tight manner. A piston (40) is guided through a wall of the measuring chamber (45). The invention also relates to a registration device (58), which registers a displacement of the piston (40). To increase the measuring precision of the device (10), the registration device (58) operates in a contactless manner.

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