

Title (en)

DEVICE FOR PRODUCING A VARIABLE VOLUMETRIC FLOW IN A FUEL SUPPLY

Title (de)

VORRICHTUNG ZUM ERZEUGEN EINES VARIABLEN VOLUMENSTROMES BEI EINER KRAFTSTOFFZUFÜHRUNG

Title (fr)

DISPOSITIF POUR PRODUIRE UN DEBIT VARIABLE DANS UNE ALIMENTATION EN CARBURANT

Publication

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Application

EP 99960884 A 19991110

Priority

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- DE 19854509 A 19981125

Abstract (en)

[origin: DE19854509A1] Disclosed is a device for producing a variable volumetric flow in a fuel supply, comprising a high-pressure pump (21). Said pressure pump (21) comprises at least one supply, at least one cylinder (21b), at least one piston which can move in said cylinder and a shaft (1) which drives the piston (21a) or the pistons. The device also comprises a dosing device (2-8) which is arranged in the supply or the supplies of the high-pressure pump (21) and which is synchronized in the shaft (1). Said dosing device (2-8) feeds a fuel volume having variable doses to the cylinder (21b) or the cylinders every time the shaft (1) rotates, whereby the dosing is carried out by changing the opening and closing angle of the supply or the supplies.

IPC 1-7

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CPC (source: EP US)

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