

Title (en)

METHOD FOR CONTROLLING A FUEL SUPPLY APPARATUS

Title (de)

VERFAHREN ZUM BETREIBEN EINER KRAFTSTOFFFÖRDEREINRICHTUNG

Title (fr)

PROCÉDÉ DE CONTRÔLER D'UN APPAREIL D'ALIMENTATION DE CARBURANT

Publication

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Application

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Abstract (en)

[origin: WO2012175248A1] The invention relates to a method for operating a fuel delivery device (10) of an internal combustion engine, in which method an electromagnetic actuating device (20) of a volume control valve (22) is switched such as to set a delivery volume, wherein a control of the electromagnetic actuating device (20) for moving an armature (46) of the electromagnetic actuating device (20) from a first position to a second position comprises at least three phases (68, 70, 72), wherein in a first phase (68) a coil (44) of the electromagnetic actuating device (20) is permanently connected to a voltage, and wherein in a second phase (70) the coil (44) is periodically connected to the voltage with a first frequency (76) and with a first duty factor (78), and wherein in a third phase (72) the coil (44) is periodically connected to the voltage with a second frequency and with a second duty factor.

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