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(54) **METHOD FOR OPERATING A FUEL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE**

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See application file for complete search history.

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(57) **ABSTRACT**

A method for operating a fuel system for an internal combustion engine having a metering device, an electrical actuating device, and a valve element includes: activating the electrical actuating device in at least one first cycle in such a way that the valve element switches into a second position corresponding to an open metering device; activating the electrical actuating device in at least one second cycle in such a way that the electrical actuating device is activated from activation to activation, with activation energy which decreases gradually, until a limiting case is reached in which the valve element only just or just no longer switches into the second position; ascertaining a first activation energy, which corresponds to the limiting case; and subsequently activating the actuating device, taking the first activation energy into account.

13 Claims, 6 Drawing Sheets

