

Title (en)
INJECTOR

Title (de)
INJEKTOR

Title (fr)
INJECTEUR

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Application
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Abstract (en)
[origin: WO2020079050A1] The invention relates to an injector for injecting fuel, comprising an injector housing, a movable nozzle needle, which is arranged in the injector housing and has a nozzle needle tip, and a nozzle needle seat for receiving the nozzle needle tip. A contact pairing of the nozzle needle and the nozzle needle seat constitutes a mechanical switch, which assumes a closed state when the nozzle needle tip contacts the nozzle needle seat and an open state when the contact is interrupted. Furthermore, according to the invention, the injector has an input line and an output line for controlling movement of the nozzle needle, the switch has a first terminal, which is connected to the input line, and a second terminal, which is connected to the injector housing, and a resistor is connected between the first terminal of the switch and the input line. The inventive is characterized in that the resistor is a high-temperature resistor chip.

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