

Title (en)
ELECTRICALLY CONTROLLED CARBURETTOR

Title (de)
ELEKTRISCH ANGESTEUERTER VERGASER

Title (fr)
CARBURATEUR COMMANDÉ ÉLECTRIQUEMENT

Publication
EP 2435682 B1 20130123 (DE)

Application
EP 10744862 A 20100527

Priority
• EP 2010003218 W 20100527
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Abstract (en)
[origin: WO2010136199A1] The invention relates to an electrically actuated carburetor (1) for gasoline engines, having an air funnel (4) for taking in fuel from a fuel line (2) opening into the air funnel (4), said fuel line being connected to a fuel chamber and comprising a fuel nozzle (3) between the fuel chamber and the opening (5) in the air funnel (4) for adjusting a quantity of fuel that can be drawn in from the fuel chamber due to low pressure in the air funnel (4), flexibly adaptable as a carburetor particularly for motorized tools. In order for the carburetor to overcome the disadvantages of the aforementioned prior art and to have a simple, robust construction allowing constant long-term behavior, at least two Tesla diodes (6, 7) are connected in series with the fuel nozzle (3), between which a pump chamber (8) having a pump unit (9) is located.

IPC 8 full level
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CPC (source: EP US)
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Cited by
EP3333394A1; EP3333397A1; WO2018105521A1; EP3333410A1; WO2018105522A1; EP3333412A1; WO2018105519A1

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