

Title (en)
PRECHAMBER SPARK PLUG HAVING PROFILED GROUND ELECTRODE

Title (de)
VORKAMMER-ZÜNDKERZE MIT PROFILIERTER MASSEELEKTRODE

Title (fr)
BOUGIE D'ALLUMAGE DE PRÉCHAMBRE AYANT UNE ÉLECTRODE DE MASSE PROFILÉE

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Application
EP 21724608 A 20210505

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Abstract (en)
[origin: WO2021239415A1] The invention relates to a prechamber spark plug, comprising: - a housing (2); - a cap (80), which is disposed at the combustion-chamber end of the housing (2) and forms a prechamber (81) together with the housing (2), and in which at least one transfer-flow hole (2) is provided in order to allow gas to enter the prechamber (81) and to allow gas to exit the prechamber (81); - an insulator (3), which is disposed within the housing (2); - a central electrode (4), which is disposed within the insulator (3); and - a ground electrode (5), the ground electrode (5) and the central electrode (4) being disposed such that the two electrodes (4, 5) form an ignition gap, characterized in that the ground electrode (5) has a shape deviating from a cylindrical shape in order to influence a gas flow within the prechamber (81) in a specific way.

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