

Title (en)

METHOD FOR OPERATING A BURNER OF A MOTOR VEHICLE

Title (de)

VERFAHREN ZUM BETREIBEN EINES BRENNERS EINES KRAFTFAHRZEUGS

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN BRÛLEUR D'UN VÉHICULE À MOTEUR

Publication

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Application

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Abstract (en)

[origin: WO2022200171A1] The invention relates to method for operating a burner (42). The burner (42) comprises a combustion chamber (58), in which an air- and liquid fuel-containing mixture is to be ignited; an inner turbulence chamber (62), through which a first part of the air can flow and which produces a turbulent flow of the first part of the air, said inner turbulence chamber having a first outlet opening (64), through which the first part of the air flowing through the inner turbulence chamber (62) can flow and via which the first part of the air can be discharged out of the inner turbulence chamber (62); and an introduction element (66) that has at least one discharge opening (70) through which the liquid fuel can flow and which is arranged in the inner turbulence chamber (62), wherein the fuel can be introduced into the inner turbulence chamber (62) via the discharge opening (70) by means the introduction element, and the fuel which is discharged from the introduction element (66) via the discharge opening (70) and is thus introduced into the inner turbulence chamber (62) can also flow through the first outlet opening (64) of the turbulence chamber.

IPC 8 full level

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