

Title (en)

BURNER FOR A MOTOR VEHICLE, AND MOTOR VEHICLE COMPRISING AT LEAST ONE SUCH BURNER

Title (de)

BRENNER FÜR EIN KRAFTFAHRZEUG SOWIE KRAFTFAHRZEUG MIT WENIGSTENS EINEM SOLCHEN BRENNER

Title (fr)

BRÛLEUR POUR VÉHICULE AUTOMOBILE ET VÉHICULE AUTOMOBILE COMPORTANT AU MOINS UN TEL BRÛLEUR

Publication

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Application

EP 22717562 A 20220322

Priority

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Abstract (en)

[origin: WO2022200321A1] The invention relates to a burner (42) for an exhaust tract (26) through which exhaust of an internal combustion engine (12) of a motor vehicle can flow, comprising a combustion chamber (58) in which an air- and liquid fuel-containing mixture is to be ignited and thus combusted, 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) through which the liquid fuel can flow and by means of which the fuel can be introduced into the inner turbulence chamber (62), the fuel discharged from the introduction element (66) also being able to flow through the first outlet opening (64) of the turbulence chamber.

IPC 8 full level

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CPC (source: EP KR US)

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