

Title (en)

BURNER FOR A HEATING DEVICE WITH IMPROVED FUEL SUPPLY

Title (de)

BRENNER FÜR EIN HEIZGERÄT MIT VERBESSERTER BRENNSTOFFZUFÜHRUNG

Title (fr)

BRULEUR POUR UN APPAREIL DE CHAUFFAGE, PRESENTANT UNE ALIMENTATION EN COMBUSTIBLE AMELIOREE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006053541A1] The invention relates to a burner for a heating device, in particular, for application in motor vehicles, comprising a burner nozzle (12), for the introduction and atomisation of fuel, which has a fuel lance (14), for the introduction of fuel into the burner (10), a combustion air inlet (16), for the introduction of combustion air into the burner and a starter zone (18), in which an ignition of the fuel to start the burner occurs. According to the invention, the exit speed of the fuel is determined by selection of the inner diameter of the fuel lance (14), such that during a start phase for the burner (10), fuel enters the start zone (18) in an essentially non-atomised form.

IPC 8 full level

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