

Title (en)

Burner for a diesel engine exhaust particle filter.

Title (de)

Brenner für Dieselmotorenabgas-Partikelfilter.

Title (fr)

Brûleur pour un filtre à particules de gaz d'échappement d'un moteur diesel.

Publication

EP 0532044 B1 19950111 (DE)

Application

EP 92115610 A 19920911

Priority

DE 4130377 A 19910912

Abstract (en)

[origin: EP0532044A1] The burner (2) for producing the heat required for the thermal regeneration of particle filters (40) for diesel engine exhaust gases is characterised (a) in that it has a main combustion chamber (4), in the peripheral wall of which a fuel feed aperture (20) for a main fuel quantity and a combustion air feed aperture (22) for a main combustion air quantity are provided; (b) in that a precombustion chamber (6) is attached to the combustion chamber base (10) of the main combustion chamber (4); (c) in that on the peripheral wall of the precombustion chamber (6) a projecting, hollow connection (26) is provided, in which an electrical ignition device (22) is arranged and which has a fuel feed aperture (34) for a basic quantity of fuel; and (d) in that in the peripheral wall of the precombustion chamber (6) a combustion air feed aperture (24) is provided for a basic quantity of combustion air. <IMAGE>

IPC 1-7

F01N 3/02

IPC 8 full level

F01N 3/02 (2006.01); **F01N 3/025** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)

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