

Title (en)

Combustion chamber, particularly for regenerating the particle filter in a motor vehicle exhaust device

Title (de)

Brennkammer, insbesondere für die Partikelfilterregenerierung in einer Kraftfahrzeug-Abgasanlage

Title (fr)

Chambre de combustion, en particulier pour la régénération d'un filtre à particules dans un dispositif d'échappement d'un véhicule à moteur

Publication

**EP 0573028 B1 19961227 (DE)**

Application

**EP 93108911 A 19930603**

Priority

DE 4218629 A 19920605

Abstract (en)

[origin: EP0573028A2] Combustion chamber (10), in particular for a burner used for regenerating a particle filter in a motor vehicle exhaust device, having the following features: (a) a pipe piece (14) for receiving an electric ignition device (15) is arranged in one combustion chamber bottom (11); (b) the pipe piece (14) is provided with a first fuel supply device (16) and a first combustion-air supply device (17); (c) provided in a combustion chamber casing (12) is a second combustion-air supply device (22) which is designed in such a manner that a combustion-air flow emerging from this has a flow component which is directed tangentially into the combustion chamber; (d) the combustion chamber casing (12) is provided with a second fuel supply device (18, 19). <IMAGE>

IPC 1-7

**F23D 11/42**; **F23C 7/00**; **F01N 3/02**

IPC 8 full level

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CPC (source: EP)

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