

Title (en)

Filter arrangement, in particular for a diesel engine exhaust gas particle filter

Title (de)

Filtereinrichtung, insbesondere als Russfilter für Dieselmotorabgase

Title (fr)

Dispositif de filtre, en particulier pour un filtre à particule de gaz d'échappement d'un moteur diesel

Publication

**EP 1225311 A3 20030212 (DE)**

Application

**EP 01126814 A 20011110**

Priority

DE 20100882 U 20010118

Abstract (en)

[origin: EP1225311A2] Filtering device (1) comprises a housing (2) with a gas inlet and a gas outlet and containing a filter body (5) made from porous ceramic material and a heating body (4) provided with channels (6). The filter body and the heating body are divided by separating walls (10, 11, 12) into filter body segments (18) and heating body segments (14, 15, 16, 17). The heating body segments have electrical connections (19, 20). Preferred Features: The filter body and the heating body have a round or oval cross-section. The heating body and the filter body are made from SiC. A gap of not more than 70, preferably 25-50 mm is formed between the heating body and the filter body.

IPC 1-7

**F01N 3/022**; **F01N 3/032**

IPC 8 full level

**F01N 3/027** (2006.01)

CPC (source: EP)

**F01N 3/027** (2013.01)

Citation (search report)

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