

Title (en)

Exhaust gas purifying apparatus for furnaces

Title (de)

Vorrichtung zur Abgasreinigung von Feuerungsanlagen

Title (fr)

Epurateur de gaz d'échappement des installations de chauffage

Publication

EP 2065093 A3 20120328 (DE)

Application

EP 08170009 A 20081126

Priority

CH 19052007 A 20071129

Abstract (en)

[origin: CH697348B1] The device has a pipe-electric filter, and a spraying electrode (1) arranged in an electrically conducting tube-shaped casing (3) that acts as a counter electrode. The tube-shaped housing forms a partial section of the counter electrode, where the partial section is formed from an outlet channel (4) of an exhaust gas as part of a separation section (7). The outlet channel is connected behind the spraying electrode and the casing and consists of a mineral substance e.g. glass ceramic, where the spraying electrode is arranged far away from an oven.

IPC 8 full level

B03C 3/49 (2006.01); **B03C 3/45** (2006.01); **B03C 3/62** (2006.01)

CPC (source: EP)

B03C 3/455 (2013.01); **B03C 3/49** (2013.01); **B03C 3/62** (2013.01); **B03C 2201/08** (2013.01)

Citation (search report)

- [X] DE 102004039124 A1 20060223 - EMPA [CH]
- [A] EP 1193445 A2 20020403 - EMPA [CH]
- [A] CH 694645 A5 20050513 - EMPA [CH]
- [A] DE 202006016244 U1 20070419 - VITEK CHRISTIAN [DE], et al
- [A] US 1399422 A 19211206 - WARRINGTON CHUBB LEWIS

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EP4374968A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

CH 697348 B1 20080829; EP 2065093 A2 20090603; EP 2065093 A3 20120328

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