

Title (en)

EXHAUST SYSTEM WITH PARTICLE FILTER AND REGENERATION BURNER

Publication

EP 0438682 A3 19920226 (DE)

Application

EP 90123506 A 19901207

Priority

- DE 4002130 A 19900125
- DE 4009201 A 19900322

Abstract (en)

[origin: EP0438682A2] For an exhaust system with a particle filter (12) and a regeneration burner (13) a burner with a flame tube (30) is provided, the hot gas outlet of which is provided in the form of a plurality of openings (34), which are arranged in one or more planes (35), which lie parallel to the inlet face (20) of the particle filter (12). Owing to the division into a plurality of secondary hot gas flows (37), mixing with the exhaust gases (40) is improved in such a way that immediately after the flame tube (30) a practically uniform temperature prevails, as a result of which the particle filter can be arranged very close to the burner (13). <IMAGE>

IPC 1-7

F01N 3/02

IPC 8 full level

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

CPC (source: EP US)

F01N 3/025 (2013.01 - EP US); **Y10S 55/30** (2013.01 - EP US)

Citation (search report)

- [X] US 4538413 A 19850903 - SHINZAWA MOTOHIRO [JP], et al
- [AD] EP 0306743 A2 19890315 - DEUTSCHE FORSCH LUFT RAUMFAHRT [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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