

Title (en)

DEVICE FOR REMOVING SUBSTANCES IN GAS AND VAPOUR FORM IN A STREAM OF EXHAUST AIR

Title (de)

VORRICHTUNG ZUR ABLUFTREINIGUNG GAS- UND DAMPFÖRMIGER STOFFE IN EINEM ABLUFTSTROM

Title (fr)

DISPOSITIF POUR ELIMINATION DE SUBSTANCES SOUS FORME DE GAZ ET DE VAPEUR DANS UN COURANT D'AIR EVACUE

Publication

EP 0805915 B1 20000322 (DE)

Application

EP 96900497 A 19960124

Priority

- CH 9600033 W 19960124
- CH 19095 A 19950124

Abstract (en)

[origin: WO9623134A1] In a device for removing substances in gas and vapour form in a stream of exhaust air (18) with an active material on the surface of a carrier, the exhaust air flows through the substrate arranged in a housing (68) with gas inlet (90) and outlet stubs (78). In the housing (68) there are several axially separated cartridges (12) closed on one side, with an indeformable, perforated inner casing and an outer casing permeable to gases with little resistance as a carrier with the active material for the catalysis, adsorption or transformation of organic dusts and aerosols into gas placed on its surface. The cartridges (12) are assembled into at least one removable insert (70) or removable modules, each with individually releasable cartridges (12). The device makes it possible to purify gaseous and vapour flows of exhaust air at varying and low charges and low temperatures, where the devices may be spatially and locally separated.

IPC 1-7

F01N 3/28; B01D 53/04; F23J 15/02

IPC 8 full level

F01N 3/28 (2006.01); **F23G 7/06** (2006.01); **F23G 7/07** (2006.01)

CPC (source: EP)

F01N 3/28 (2013.01); **F23G 7/07** (2013.01)

Citation (examination)

WO 9303112 A1 19930218 - HANSEN RONALD PETER [AU]

Cited by

DE102010053452A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9623134 A1 19960801; AT E191061 T1 20000415; AU 4429496 A 19960814; DE 59604776 D1 20000427; EP 0805915 A1 19971112; EP 0805915 B1 20000322

DOCDB simple family (application)

CH 9600033 W 19960124; AT 96900497 T 19960124; AU 4429496 A 19960124; DE 59604776 T 19960124; EP 96900497 A 19960124