

Title (en)  
PHYSICAL STRUCTURE OF EXHAUST-GAS CLEANING INSTALLATIONS

Title (de)  
BAULICHE STRUKTUR VON ABGASREINIGUNGSANLAGEN

Title (fr)  
STRUCTURE DE CONSTRUCTION DE DISPOSITIFS D'EPURATION DE GAZ D'ECHAPPEMENT

Publication  
**EP 2195115 B1 20120215 (DE)**

Application  
**EP 08785630 A 20080820**

Priority  
• EP 2008006817 W 20080820  
• DE 102007047250 A 20071002

Abstract (en)  
[origin: US2011000375A1] A waste-gas cleaning system for cleaning aerosol-laden gases or atmospheres includes an inlet configured to intake raw gas, an outlet configured to discharge clean gas and at least one assembly including an ionization section and a downstream central collection section disposed centrally with respect to a channel axis. The ionization section includes at least one level at a right angle to the channel axis. The at least one assembly includes at least two substantially identical ionization stages disposed in a plane and arranged uniformly about the channel axis and configured to conduct a gas flow radially, with respect to the channel axis, inward therethrough into the downstream central collection section so as to be similarly diverted such that a flow profile over an inside cross section in the downstream central collection section is not inclined with respect to the channel axis in the course of the gas flow.

IPC 8 full level  
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