

Title (en)
WET-TYPE PURIFIER FOR EXHAUSTED HEATING GAS

Title (de)
NASSREINIGER FÜR ABGEFÜHRTES HEIZGAS

Title (fr)
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Abstract (en)
[origin: WO0137975A1] The present invention relates to a wet-type purifier. A conventional purifier for exhausted gas has low efficiency since it absorbs and removes contaminants in exhausted gas by means of water injection. A conventional purifier has a disadvantage in that it requires sizable space for installation and use. It is economically inefficient since it needs additional parts such as water tanks, injection nozzles, pumps, etc. The present invention comprises a purifier main body (1) empty to contain water, having a suction duct (11) on one side and an exhaust duct (12) on the other, wherein a separator (5) divides the purifier main body (1) into a first chamber (2), a second chamber (3) and a third chamber (4), the first chamber (2) on the same side of the suction duct (11), the third chamber (4) on the same side of the exhaust duct (12) comprising a mist filter (6), and a drain pipe (14) having a drain valve (13) being on the bottom of the purifier main body (1), thereby providing a wet-type purifier that is more efficient than a conventional method of absorbing water. The present purifier is also economical since it doesn't need additional parts such as water-storage tanks, injection nozzles, pumps, etc. Further, the purifier according to the present invention has such a simple structure and a small size that it enhances space efficiency.

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