

Title (en)  
SCRUBBER APPARATUS HAVING INTEGRATED VENTURI

Title (de)  
SCHEUERVORRICHTUNG MIT INTEGRIERTEM VENTURIROHR

Title (fr)  
APPAREIL D'ÉPURATEUR AYANT UN VENTURI INTÉGRÉ

Publication  
**EP 3754162 A4 20211020 (EN)**

Application  
**EP 18919785 A 20181004**

Priority  
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Abstract (en)  
[origin: EP3754162A1] The present invention relates to a scrubber apparatus that is for removing harmful substances and is installed in an engine exhaust line, the scrubber apparatus comprising: a scrubber main body provided with a gas inlet and a gas outlet and providing a main flow channel through which an exhaust gas can move; a plurality of collection layers installed spaced apart from each other in the scrubber main body; a venturi unit installed inside the lower portion of the scrubber main body and having at least one venturi conduit formed therein through which the exhaust gas can pass; and multiple cleaning-water spraying pipes installed along the movement path of the exhaust gas and multiply-spraying cleaning water in the forward direction of the exhaust gas, and thus the scrubber apparatus having an integrated venturi is not only simple to install and disassemble due to the minimized size, weight, etc., of the scrubber. and formed of a porous plate having a plurality of through-holes to allow the exhaust gas to pass therethrough, in which a plurality of drain grooves are formed along a contact surface coming into contact with the side wall.

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Citation (search report)  
• [A] KR 20160049782 A 20160510 - KIM YONG SUB [KR]  
• [A] KR 101804418 B1 20171204 - HI-AIR KOREA CO LTD [KR]  
• [A] EP 2958656 A1 20151230 - MARINE GLOBAL HOLDING AS [NO]

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