

Title (en)

DEVICE FOR PROTECTING FUME INTAKE INTO A SCRUBBER, AS WELL AS CLEANING FACILITY COMPRISING SUCH A DEVICE

Title (de)

VORRICHTUNG ZUM SCHUTZ VOR RAUCHEINTRITT IN EINEN WÄSCHER SOWIE REINIGUNGSANLAGE MIT SOLCH EINER VORRICHTUNG

Title (fr)

DISPOSITIF DE PROTECTION D'ENTRÉE DE FUMÉES DANS UN ÉPURATEUR, AINSI QU'UNE INSTALLATION DE NETTOYAGE COMPRENANT UN TEL DISPOSITIF

Publication

EP 3856393 A1 20210804 (EN)

Application

EP 19773829 A 20190925

Priority

- FR 1858805 A 20180926
- EP 2019075798 W 20190925

Abstract (en)

[origin: WO2020064795A1] This protection device (10) is suitable for being arranged inside a scrubber and including an apical body (11) which, when the protection device is installed in the scrubber, is placed above the downstream mouth of a vertical duct for admitting fumes into the scrubber, so as to protect the duct against the introduction of water while allowing the fumes leaving the duct to pass. In order for this protection device to perform particularly well, an upper face (12) of the apical body is provided with water collection channels (14), which each extend lengthwise from a central region (11 A) of the apical body, around which the channels are distributed, to a periphery (11 B) of the apical body, which is completely occupied by the channels. Each channel has, over its entire length, a cross-section that is substantially triangular and whereof the lower apex defines a bottom edge (15) along the channel. The respective bottom edges of the channels rest on a conical surface that converges upwards and the apical angle of which is between 90 and 170°.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2020064795A1

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