

Title (en)
VENTILATION ARRANGEMENT WITH AN EXTRACTOR HOOD

Title (de)
LÜFTUNGSANORDNUNG MIT EINER DUNSTABZUGSHAUBE

Title (fr)
SYSTÈME DE VENTILATION MUNI D'UNE HOTTE ASPIRANTE

Publication
EP 3485199 B1 20200826 (DE)

Application
EP 17740637 A 20170629

Priority
• DE 202016004286 U 20160713
• EP 2017066188 W 20170629

Abstract (en)
[origin: WO2018010971A1] Ventilation arrangement having a vapor extraction hood for the galley area of marine equipment, that, by means of an outlet pipe of a venting system, forms a vapor receiving chamber which is open at the bottom in the installed position, whence vapor is received at least in one duct via a separator and is conveyed to the outlet pipe as exhaust air. The duct provided in the form of a distribution shaft is provided with a recirculation connection that collects a partial volume of the filtered exhaust air, this recirculation connection discharges toward the vapor receiving chamber in the region of at least one transit chamber and at the exit thereof there is provided a cover that influences the flow direction of the recirculated partial volume. There is provided a branch duct which forms the recirculation connection and which extends, outside the vapor receiving chamber, between the region of the distribution shaft and of the transit chamber. Thus, a partial volume of the exhaust air can be recirculated from the region of the distribution shaft into the vapor receiving chamber. The venting system is connected to a motorized central ventilation system as the source of suction, which interacts via a control unit with a drive member of a control flap. A guide sensor, which influences the operating values of the control unit, is integrated into the fluid conveying system that receives exhaust air.

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