

Title (en)

BLOWER HEAD FOR PROVIDING A WIDE-ANGULAR AIRSTREAM AND DRONE OR DEVICE FOR DISPENSING BIOLOGICAL MATERIAL

Title (de)

GEBLÄSEKOPF ZUR BEREITSTELLUNG EINES WEITWINKELLUFTSTROMS UND DROHNE ODER VORRICHTUNG ZUR AUSGABE VON BIOLOGISCHEM MATERIAL

Title (fr)

TÊTE DE SOUFFLANTE POUR FOURNIR UN COURANT D'AIR AYANT UN CHAMP ANGULAIRE ÉTENDU ET DRONE OU DISPOSITIF POUR DISTRIBUER UN MATÉRIEL BIOLOGIQUE

Publication

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Application

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Abstract (en)

[origin: WO2022263367A1] The invention relates to a blower head (13) for providing a wide-angular airstream. It comprises an inner chamber (17), an inlet (18) for entry of a flow of air into the inner chamber (17), and an outlet (15) for exit of air from the inner chamber (17). The inlet is configured to be in fluid communication with a blower (14) for providing the flow of air when in use. The outlet is in the form of an elongated aperture (15) facing away from the blower head. The inner chamber is dimensioned and shaped so that air flowing through the inner chamber changes direction by hitting inner walls (19) of the inner chamber in a manner resulting in a wide-angular airstream exiting the outlet. The invention further relates to a drone (1) or a device (25) and a method for dispensing biological material (11), such as beneficial animals, by using the blower head to apply an airstream to the biological material being dispensed.

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