

Title (en)

A SUPPLEMENTARY AIR BLOWING APPARATUS FOR RADIAL FANS AND A RADIAL FAN

Title (de)

ZUSATZLUFTBLASVORRICHTUNG FÜR RADIALGEBLÄSE SOWIE EIN RADIALGEBLÄSE

Title (fr)

APPAREIL DE SOUFFLAGE D'AIR SUPPLÉMENTAIRE POUR VENTILATEURS RADIAUX ET VENTILATEUR RADIAL

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Application

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Abstract (en)

[origin: WO2020015902A1] The present invention relates to a radial fan (1) comprising a body (2), an air inlet (3) and a main air blowing port (4) provided on the body (2) and positioned perpendicularly to each other, a fan wheel (5) positioned on the air inlet (3) in the body (2), for blowing air received from the air inlet (3) at least through the air blowing port (4), at least one flow separator (7) enabling splitting the air blown by the fan wheel (5) provided in the main air blowing port (4) and directing a part of said air to at least one air duct (6) disposed on the opposite surface of the body (2) where the air inlet (3) is not present, and at least one supplementary air blowing port (8) positioned parallel and next to the air blowing port, connected from one end to the air duct (6) and comprising another end for discharging the air in the air duct (6).

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