

Title (en)
IMPROVED DIFFUSER FOR VENTILATION SYSTEMS

Title (de)
VERBESSERTER DIFFUSOR FÜR LÜFTUNGSANLAGEN

Title (fr)
DIFFUSEUR AMÉLIORÉ POUR SYSTÈMES DE VENTILATION

Publication
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Application
EP 21188932 A 20210730

Priority
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Abstract (en)
[origin: EP4124807A1] The present invention relates to a diffuser (100) for ventilation of a medium through a ventilation system. The diffuser according to the present invention comprises a stationary part (1) having a plurality of apertures (5), a damper (2) rotating with a circumferential movement over said stationary part (1) and having a plurality of apertures (6) corresponding to said apertures (5), and an actuator to move said damper (2). The stationary part (1) comprises a reservoir (3) and said stationary part (1) is adapted to be inclined towards the reservoir (3) in such a way that said reservoir (3) would stand at a lower level than the rest of said stationary part (1), and edges of said apertures (5) are adapted to protrude to form a plurality of particle channels (4) between said apertures (5) for the particles to flow through, wherein said particle channels (4) surround said reservoir (3) in order to allow said particles to accumulate within said reservoir (3) by way of gravity.

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