

Title (en)

METHOD AND APPARATUS FOR THE STERILISATION OF AIR THAT IS INTENDED TO VENTILATE SPACES REQUIRING AIR WITH A LOW MICRO-ORGANISM CONTENT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STERILISATION DER LUFT FÜR DIE BELÜFTUNG VON RÄUMEN DIE LUFT MIT EINEM GERINGEN MIKROORGAMISMEN GEHALT VERLANGEN

Title (fr)

PROCEDE ET APPAREIL DE STERILISATION DE L'AIR DESTINE A LA VENTILATION DES LOCAUX NECESSITANT UN AIR A FAIBLE TENEUR EN MICROORGANISMES

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Application

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Priority

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Abstract (en)

[origin: WO2005007207A1] The invention relates to a method for the thermal sterilisation of air used to ventilate spaces requiring air with a low micro-organism content. The inventive method is characterised in that the air to be sterilised is circulated by forced flow in a cyclic manner in opposing alternate directions, for example using an air circulator (1) and solenoid feed valves (3), through a thermal sterilisation chamber (12) housing an electrical resistor (7) which is positioned between two stacks of wire grilles (8, 9), said air flowing perpendicularly to the stacks of grilles.

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