

Title (en)

A MICROWAVE BASED DEVICE FOR STERILISATION/DISINFECTION OF SURGICAL AND DENTAL EQUIPMENT

Title (de)

EINE MIKROWELLE GRÜNDETE EINHEIT FÜR STERILISATION DISINFECTION DE CHIRURGISCHEN UND ZAHMEDIZINISHER AUSRÜSTUNG

Title (fr)

DISPOSITIF A MICRO-ONDES POUR LA STERILISATION ET LA DESINFECTION DU MATERIEL DENTAIRE ET CHIRURGICAL

Publication

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Application

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Abstract (en)

[origin: WO0057929A1] The present invention relates to an antimicrobial apparatus useful for sterilisation and/or disinfection of articles, said apparatus comprises an accessible volume being able to be confined in a manner such that it constitutes a Faraday cage, at least on microwave source directing microwaves into the accessible volume, at least one microwave field sensor for sensing the intensity of the microwave field in the accessible volume, said sensor provides input to a control unit for controlling the supply of microwaves to the accessible volume. In particular embodiments of the invention the antimicrobial apparatus further comprises a fluid tight container unit for sterilisation and/or disinfection hollow articles, and/or comprises at least one autoclave. Furthermore, the invention also relates to a method of controlling the antimicrobial apparatus.

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