

Title (en)
SYSTEM AND METHOD FOR TREATING MICROORGANISMS

Title (de)
SYSTEM UND VERFAHREN ZUM BEHANDELN VON MIKROORGANISMEN

Title (fr)
SYSTÈME ET PROCÉDÉ DE TRAITEMENT DE MICROORGANISMES

Publication
EP 4090386 A1 20221123 (FR)

Application
EP 20851223 A 20201222

Priority

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Abstract (en)
[origin: WO2021144517A1] System for treating microorganisms, comprising: - a textile web (1) comprising warp and/or weft optical fibres (2) woven with warp and/or weft binding threads, each of the optical fibres (2) having invasive alterations along the fibre and allowing the emission of light propagating into the fibre at these alterations; - a light source (7) arranged opposite one or both free ends of the optical fibres (2); characterised in that the textile web (1) also comprises warp and/or weft metal threads (4) woven with the binding threads, the metal threads (4) being based on a metal having a negative effect on the growth of the microorganisms; and in that the light source generates a light beam comprising at least one wavelength in the visible or ultraviolet spectrum.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2021144517A1

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