

Title (en)

DISINFECTION USING A HIGH-PRESSURE CLEANING DEVICE AND HYDROLYZED WATER

Title (de)

DESINFEKTION MIT HOCHDRUCKREINIGER UND HYDROLYSIERTEM WASSER

Title (fr)

DÉSINFECTION AU MOYEN D'UN APPAREIL DE NETTOYAGE À HAUTE PRESSION ET EAU HYDROLYSÉE

Publication

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Application

EP 08800439 A 20080923

Priority

- CH 2008000393 W 20080923
- CH 14832007 A 20070925

Abstract (en)

[origin: WO2009039674A1] A method and technical execution, for the chemical and residue-free cleaning, hygienization, disinfection and odor neutralization of surfaces, materials, and objects by means of a high-pressure cleaning device and an electrolysis generators using electrolyzed cold or warm water, with the aid of oxidative groups, characterized in that the method, in combination with high pressure and oxidative radicals produced by electrolysis from salt ion-containing water, in total group concentrations of at least 35 ppm and higher, is able to not only clean surfaces, materials, and objects, but also to disinfect them, and is able to, by means of cold oxidation, in the form of ultrafast superoxidation, to eliminate 99.9% of microorganisms such as viruses, gram-positive and gram-negative bacteria, yeasts, fungi, algae and protozoa organisms and the like, without forming resistances in the microorganisms or pathogens.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009039674A1

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