Title (en)

FUNCTIONALIZED CELLULOSE DECONTAMINATION AGENT

Title (de)

FUNKTIONALISIERTES CELLULOSEDEKONTAMINATIONSMITTEL

Title (fr)

AGENT DE DÉCONTAMINATION DE CELLULOSE FONCTIONNALISÉE

Publication

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Application

**EP 22726012 A 20220426**

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Abstract (en)

[origin: WO2022229230A1] [1] The present invention is based on both the contaminant-capturing and anti-microbial effect of functionalized nanocellulose that was subjected to amination and quaternization reactions. These features are highly complementary and are the basis for a decontamination agent comprising functionalized cellulose as an active agent. In a second aspect, a use of functionalized cellulose for the removal of chemical, particle-based and biological contaminants from a medium is provided. Furthermore, the invention pertains to a method for treatment of laundry in a laundry-appliance that is operating in an automated cycle comprising different phases, wherein in one of the phases the decontamination agent of the invention is used in.

IPC 8 full level

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