Title (en)
VACUUMABLE GEL FOR DECONTAMINATING SURFACES AND USE THEREOF

Title (de)
ABSAUGBARES GEL ZUM DEKONTAMINIEREN VON OBERFLÄCHEN UND VERWENDUNG DAFÜR

Title (fr)
GEL ASPIRABLE POUR LA DECONTAMINATION DE SURFACES ET UTILISATION

Publication
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Application
EP 06806930 A 20061003

Priority
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• FR 0552999 A 20051005

Abstract (en)
[origin: FR2891470A1] Gel comprising colloidal solution, comprises an inorganic vicosifying agent (5-25 wt.%), surfactant (0.01-7 wt.%), inorganic acid/base (0.5-7 mol/l), optionally an oxidizing agent (0.05-1 mol/l) having a normal redox potential higher than 1.4V in strong acid medium, or the reduced form of the oxidizing agent and water. INDEPENDENT CLAIM are included for: (1) decontamination of a surface comprising a cycle i.e. application of the gel on the surface to be decontaminated, maintenance of the gel on the surface at 20-30[deg]C and a relative humidity of 20-70% for 2-72 hours, to form dry and solid residues on the surface and elimination of the dry and solid residues to make the surface being decontaminated; and (2) the decontamination of a surface of an installation, comprising de-dusting of the surface followed by decontamination of the vacuum-cleaned installation.

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G21F 9/28 (2006.01)

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