

Title (en)  
BIOCIDAL, ANTISEPTIC, NON-SOLVENT-BASED ENVIRONMENTALLY-FRIENDLY COATING CONTAINING METAL PARTICLES HAVING A FLAT LAMELLAR STRUCTURE

Title (de)  
BIOZIDE, ANTISEPTISCHE, LÖSUNGSMITTELFREIE, UMWELTFREUNDLICHE BESCHICHTUNG MIT METALLPARTIKELN MIT FLACHER LAMELLENSTRUKTUR

Title (fr)  
REVETEMENT BIOCIDES, ANTISEPTIQUE, ECOLOGIQUE NON SOLVANTE, AVEC PARTICULE METALLIQUE A STRUCTURE LAMELLAIRE PLATE

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Application  
**EP 21725501 A 20210511**

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Abstract (en)  
[origin: CA3177956A1] The present invention relates to a biocidal coating composition for a surface, comprising overlapping flat lamellar metallic nanoparticles and/or microparticles having a diameter of less than 45 microns, in suspension in a binder comprising an epoxy resin, a thixotropic agent and a natural diluent selected from among water, preferably demineralized water, and/or ethylene glycol and/or denatured alcohol. Moreover, the invention also relates to a coating process comprising a step of applying said composition, and to the use of the coating composition according to the invention for coating a surface.

IPC 8 full level  
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