

Title (en)

COATINGS AND SURFACE TREATMENTS HAVING ACTIVE ENZYMES AND PEPTIDES

Title (de)

BESCHICHTUNGEN UND OBERFLÄCHENBEHANDLUNGEN MIT AKTIVEN ENZYMEN UND PEPTIDEN

Title (fr)

REVÊTEMENTS ET TRAITEMENTS DE SURFACE AYANT DES ENZYMES ET DES PEPTIDES ACTIFS

Publication

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Application

EP 09767426 A 20090529

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Abstract (en)

[origin: WO2009155115A2] Disclosed herein are a materials such as a coating, an elastomer, an adhesive, a sealant, a textile finish, a wax, and a filler for such a material, wherein the material includes an enzyme such as an esterase (e.g., a lipolytic enzyme, a sulfuric ester hydrolase, an organophosphorus compound degradation enzyme), an enzyme that degrades a cell wall and/or a cell membrane component (e.g., a lysozyme, a lytic transglycosylase, a peptidase), and/or a biocidal or biostatic peptide. Also disclosed herein are methods of decontaminating a surface comprising such a material from a chemical substrate of an enzyme such as a lipid or an organophosphorus compound, as well as reducing the growth of a microorganism on or within such a material.

IPC 8 full level

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Citation (search report)

- [X] US 2006141003 A1 20060629 - MCDANIEL STEVEN C [US]
- [X] US 2004109853 A1 20040610 - MCDANIEL C STEVEN [US]
- See references of WO 2009155115A2

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CN102367365A; CN108976332A; US10443447B2

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