

Title (en)
UV CURE COATINGS FOR MEDICAL DEVICES

Title (de)
UV-HÄRTENDE BESCHICHTUNGEN FÜR MEDIZINISCHE VORRICHTUNGEN

Title (fr)
REVÊTEMENTS À POLYMÉRISATION PAR UV POUR DISPOSITIFS MÉDICAUX

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Application
EP 20880300 A 20201021

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• US 2020056578 W 20201021

Abstract (en)
[origin: WO2021081036A1] The invention concerns hydrophobic and hydrophilic coating compositions for medical devices or medical implants. The hydrophilic coating composition comprises a polymer which is soluble in water or water-alcohol solutions, the polymer made from monomers comprising: (a) at least one monomer that is a photo radical generator, and (b) at least one monomer comprising one or both of (i) ethylenic monomers comprising at least one acidic group and (ii) one or more of acrylates or acrylamides: wherein the molar ratio of one or both of (i) ethylenic monomers comprising at least one acidic group and (ii) one or more of acrylates or acrylamides to photo radical generator group is 20:1 to 500:1. This hydrophilic coating composition can provide the entire coating or, with a hydrophobic basecoat, can be the topcoat of a 2 coat system.

IPC 8 full level
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C-Set (source: EP)
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