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(57) Abstract :

The present invention relates to a transparent anti-dust and corrosion-resistant spray coating for the protection of copper artifacts which comprises functionalised silica nanoparticles (PDA/SiO₂/HMDS), wherein silica nanoparticles are modified by hexamethyldisilazane (HMDS) and polydopamine. This invention further relates to a process for the preparation of transparent anti-dust and corrosion-resistant spray coating for the protection of copper artifacts. . Fig. 1

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