

Title (en)

Method and composition for surface treatment.

Title (de)

Verfahren und Zusammensetzung für Oberflächenbehandlung.

Title (fr)

Procédé et composition pour traitement de surface.

Publication

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Application

EP 89308114 A 19890809

Priority

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- GB 8912424 A 19890531

Abstract (en)

A hydrous oxide sol such as a zirconia sol is applied to a solid e.g. metal surface and there cured to form a protective coating. The sol may include an adhesion promoter such as a silane and/or a sub-micron passenger powder. Application to the surface may be in one step, or two steps with the second designed to gel the sol. Depending on the microtexture of the sol and the surface, the treatment can be used to control, by increasing or decreasing, the adhesive properties of the surface to a subsequently applied organic coating, or simply to improve corrosion resistance.

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IPC 8 full level

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