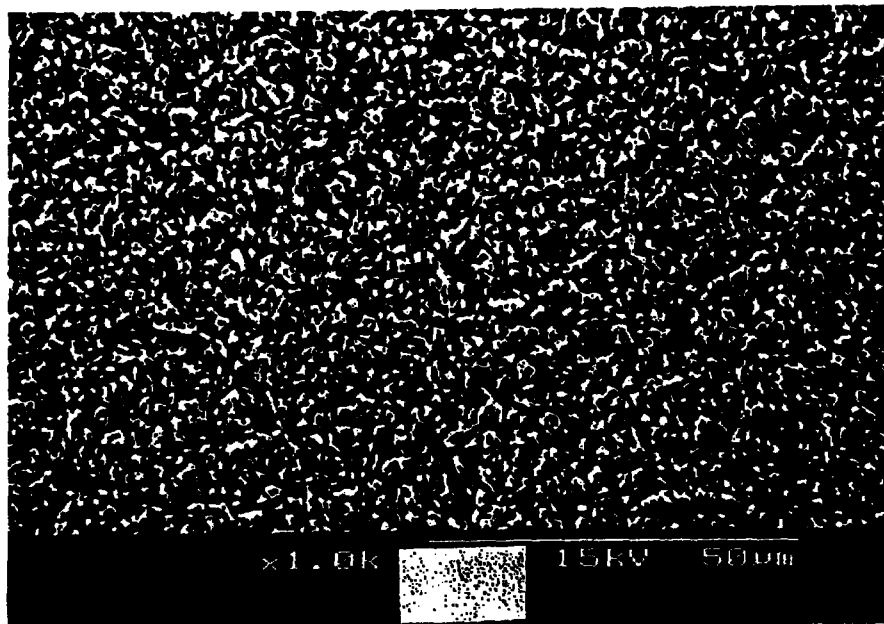


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(54) Title: **COPPER COATING**

(57) Abstract

A metal surface, usually copper, is micro-roughened to improve adhesion of polymeric materials, by the use of an adhesion-promoting composition comprising hydrogen peroxide, an inorganic acid, a corrosion-inhibitor which is for example a triazole, tetrazole or imidazole, and a quaternary ammonium surfactant. The process is of particular value in production of multi-layer PCBs to promote inter-layer adhesion.