

Title (en)

METHOD FOR COATING APPARATUSES AND PARTS OF APPARATUSES USED IN CHEMICAL MANUFACTURING

Title (de)

VERFAHREN ZUR BESCHICHTUNG VON APPARATEN UND APPARATETEILEN FÜR DEN CHEMISCHEN ANLAGENBAU

Title (fr)

PROCEDE POUR APPLIQUER UN REVETEMENT SUR DES APPAREILS OU DES PARTIES D'APPAREILS UTILISES POUR LA CONSTRUCTION D'INSTALLATIONS CHIMIQUES

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Application

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Abstract (en)

[origin: US6617047B1] The present invention relates to a process for coating apparatuses and apparatus parts for chemical plant construction-which are taken to mean, for example, apparatus, tank and reactor walls, discharge devices, valves, pumps, filters, compressors, centrifuges, columns, dryers, comminution machines, internals, packing elements and mixing elements-wherein a metal layer or a metal/polymer dispersion layer is deposited in an electroless manner on the apparatus(es) or apparatus part(s) to be coated by bringing the parts into contact with a metal electrolyte solution which, in addition to the metal electrolyte, comprises a reducing agent and optionally the polymer or polymer mixture to be deposited in dispersed form, where at least one polymer is halogenated.

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