



material for treatment, characterised by individual features or all new features of combinations of the disclosed features.

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**METHOD FOR ELECTROLYTIC DEPOSITION OF METALS
FROM ELECTROLYTES WITH PROCESS ORGANICS**

15 ABSTRACT:

The invention relates to a method of electrolytic deposition of metals from electrolytes, which contain additives or process organics in order to achieve
20 specific physical properties. Such additives are subject to continuous consumption during electrolysis, decomposition products forming from these additives, which deposit in the entire electrolytic system and thus also on the material for treatment.

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Thus the object underlying the invention is to avoid quality shortfalls in the deposited coatings caused by



organic residues, and in this way to achieve a continuous metal deposition with uniform quality of the metal coatings. This object is achieved by spatial limitation of the concentration of the process organics
5 to the electrolyte region in the electrolytic system in which it is relevant to the process. The circulated electrolyte is kept free of process organics by filters. Renewed metered addition of process organics is effected in dependence on consumption directly
10 before the region relevant to the process.

(Figure 1)

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