

Title (en)
BATH FOR THE ELECTRODEPOSITION OF COMPOSITE COATINGS

Publication
EP 0122416 B1 19860716 (DE)

Application
EP 84102202 A 19840301

Priority
DE 3313871 A 19830416

Abstract (en)
[origin: US4479855A] A bath or electrolyte for the galvanic deposition of a metal matrix layer having embedded therein particles of a non-metallic substance, comprises a stabilizer for keeping such non-metallic substances uniformly suspended in the bath for the duration of the electrolysis. The suspension stabilizer is a cation active imidazole derivative satisfying the general formula <IMAGE> wherein R1 is preferably a monovalent, saturated or unsaturated hydrocarbon radical having at least four aliphatically bound C-atoms, R2 is a methylene (carbene), or ethylene, or propylene or isopropylene group, and wherein X is selected from -NH2, -NHR3, -NR3R4, -OH, or OR5, whereby R3, R4 and R5 are methyl, ethyl, or propyl or polyglycolether radicals having up to five -O-CH2-CH2 groups.

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IPC 8 full level
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