

Title (en)

PROCESS FOR THE ELECTRODEPOSITION OF COMPOSITE TIN-GRAPHITE OR TIN-LEAD GRAPHITE LAYERS, AND BATHS USED THEREFOR

Publication

**EP 0195995 B1 19890927 (DE)**

Application

**EP 86103563 A 19860317**

Priority

DE 3511621 A 19850329

Abstract (en)

[origin: US4652349A] For the production of tin-graphite or respectively tin/lead-graphite layers, it is known to electrodeposit a tin or respectively tin/lead layer and to mechanically incorporate graphite in the boundary zone. In accordance with the method of the invention, the tin-graphite or tin/lead-graphite layer is produced electrolytically in a single operation, operating with an electroplating bath on a strongly acid basis in which graphite powder is dispersed by means of an acid-stable wetting agent, and at temperatures of up to 35 DEG C. In the respective electroplating bath the solution has a pH value equal to or less than 2 and contains in acid-stable wetting agent for graphite.

IPC 1-7

**C25D 15/02**

IPC 8 full level

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CPC (source: EP US)

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