

Title (en)

Process for manufacturing a homogeneous solder joint for the carriers for anode plates.

Title (de)

Verfahren zur Herstellung der homogenen Verbleiung der Träger für Anodenplatten.

Title (fr)

Procédé de fabrication d'un plombage homogène sur les porteurs de plaques d'anodes.

Publication

EP 0153512 A2 19850904 (DE)

Application

EP 84201952 A 19841228

Priority

DE 3407214 A 19840228

Abstract (en)

1. A process for producing the homogeneous lead-coating of a tin-plated backing for an anode plate formed from rolled lead or lead alloys for electrolysis plants, which backing has been preheated with a reducing flame and which is preferably made of copper, the backing being placed in a casting mould and a molten mass consisting of lead or lead alloy is poured over the backing, characterised in that the backing is preheated to the flow temperature of the tin and the casting mould is pre-heated by means of a reduced flame, and that the anode plate which is made of rolled material is cast with one of its edge regions into the lead or lead alloy coating of the backing.

Abstract (de)

Bei einem Verfahren zur Herstellung der homogenen Verbleiung der Träger für gewalzte Bleianodenplatten für Elektrolyseanlagen wird der verzinnnte Träger mit reduzierender Flamme vorgewärmt. Um die homogene Verbleiung mit möglichst geringem Aufwand sowie mit einheitlicher Schichtdicke und glatter Oberfläche fehlerstellen- und porenfrei in einem Arbeitsgang herstellen zu können, wird eine Bleischmelze an den vorgewärmten Träger angegossen.

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IPC 8 full level

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