

Title (en)
PERMANENT CATHODE AND A METHOD FOR TREATING THE SURFACE OF A PERMANENT CATHODE

Title (de)
PERMANENTKATHODE UND VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG EINER PERMANENTKATHODE

Title (fr)
CATHODE PERMANENTE ET PROCÉDÉ DE TRAITEMENT DE LA SURFACE D'UNE CATHODE PERMANENTE

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Abstract (en)
[origin: WO2012175803A2] The invention relates to a permanent cathode (1) to be used as an electrode in the electrowinning of metals, including a permanent cathode plate (4) at least partially made of steel and providing the possibility of electrochemically depositing metal from an electrolytic solution onto its surface (6), in which case the dimensions of the grain boundaries (7) on the surface (6) of the permanent cathode plate (4) are arranged to be suitable for the adhesion of deposited metal on the surface and the stripping of metal from the surface at least in a part of the surface that is in contact with the electrolyte. The invention also relates to a method for treating the surface of a permanent cathode.

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