

Title (en)

CATHODE BOTTOM, METHOD FOR PRODUCING A CATHODE BOTTOM, AND USE OF THE SAME IN AN ELECTROLYTIC CELL FOR PRODUCING ALUMINUM

Title (de)

KATHODENBODEN, VERFAHREN ZUR HERSTELLUNG EINES KATHODENBODENS UND VERWENDUNG DESSELBEN IN EINER ELEKTROLYSEZELLE ZUR HERSTELLUNG VON ALUMINIUM

Title (fr)

PLANCHER FORMANT CATHODE, PROCÉDÉ DE PRODUCTION D'UN PLANCHER FORMANT CATHODE, ET UTILISATION DUDIT PLANCHER DANS UNE CELLULE D'ÉLECTROLYSE POUR LA PRODUCTION D'ALUMINIUM

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Application

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Abstract (en)

[origin: WO2010142580A1] The present invention relates to a cathode bottom (1) for an electrolytic cell for producing aluminum, comprising a material (3), which can be arranged on at least one cathode block (7), characterized in that the material (3) comprises a pre-compressed plate based on expanded graphite. The present invention further relates to a method for producing a cathode bottom (1), comprising the following method steps: providing at least one cathode block (7), arranging a material (3) on at least one surface of the at least one cathode block (7), wherein the material (3) comprises at least one pre-compressed plate based on expanded graphite. The cathode bottom (1) is used in an electrolytic cell for producing aluminum.

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