

Title (en)

SURFACE-PROFILED CATHODE BLOCK CONTAINING HARD MATERIAL

Title (de)

HARTSTOFF ENTHALTENDER OBERFLÄCHENPROFILIERTER KATHODENBLOCK

Title (fr)

BLOC CATHODIQUE À SURFACE PROFILÉE ET CONTENANT UNE SUBSTANCE DURE

Publication

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Application

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Abstract (en)

[origin: WO2012107397A2] The invention relates to a cathode block for an aluminum electrolytic cell, comprising a base layer and a cover layer arranged thereon, the base layer containing graphite and the cover layer comprising at least in some sections a profiled surface, characterized in that the cover layer is composed of a carbon composite material that comprises 15 to less than 50% by weight of a hard material having a melting point of at least 1000 °C.

IPC 8 full level

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