

Title (en)
ELECTROLYTIC CELL WITH A HEAT EXCHANGER

Title (de)
ELEKTROLYSEZELLE MIT WÄRMETAUSCHER

Title (fr)
CUVE D'ELECTROLYSE AVEC ECHANGEUR THERMIQUE

Publication
EP 1948849 A2 20080730 (FR)

Application
EP 06831067 A 20061106

Priority
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Abstract (en)
[origin: WO2007057534A2] The invention relates to electrolytic cells used for producing aluminum. The lateral walls (8) of the cell, which surround its crucible (4, 4') are comprised, on at least a fraction of their height and/or their thickness, of a porous material part (13) capable of permitting the circulation of a heat transfer gas, the porous material part (13) being connected to inlet (15) and outlet means (16) of the heat transfer gas whereby constituting a heat exchanger that recovers the heat energy lost on the sides of the cell.

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