

Title (en)  
IMPLANTATION OF INSTALLATIONS OF AN ELECTROLYSIS PLANT FOR PRODUCING ALUMINIUM

Title (de)  
AUFSTELLUNG EINER ELEKTROLYTISCHEN ALUMINIUMHERSTELLUNGSANLAGE

Title (fr)  
IMPLANTATION D'INSTALLATIONS D'UNE USINE D'ELECTROLYSE POUR LA PRODUCTION D'ALUMINIUM

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Application  
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Abstract (en)  
[origin: WO0173166A1] The invention concerns an arrangement of an electrolysis plant for producing aluminium according to the Hall-Héroult process enabling to limit the length of heavy flux paths, such as liquid aluminium fluxes. The invention is characterised in that the plant comprises: at least a liquid aluminium production zone (H) including electrolytic cells arranged in rows; specific operational resource zones in one of which (C) are assembled installations for providing and recycling anode assemblies, a zone (B) wherein are assembled installations for providing and recycling electrolytic solution and a zone (A) wherein are assembled installations for processing the liquid aluminium; transport means for conveying the so-called heavy intermediate products (such as liquid aluminium) between said operational zones; at least a circulating zone (101, 102, 103, 104, 105, 106, 110, 111, 112, 113) reserved for all or part of said transport means for heavy intermediate products.

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