

Title (en)
PROTECTION DEVICE FOR ANODES OF AN ELECTROLYTIC CELL, COMPRISING MOVABLE PANELS, AND ITS IMPLEMENTATION METHOD

Title (de)
SCHUTZVORRICHTUNG FÜR ANODEN EINER ELEKTROLYTISCHEN ZELLE MIT BEWEGLICHEN PLATTEN UND VERFAHREN ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
DISPOSITIF DE PROTECTION POUR LES ANODES D'UNE CELLULE ÉLECTROLYTIQUE, COMPRENANT DES PANNEAUX MOBILES ET SON PROCÉDÉ DE MISE EN UVRE

Publication
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Application
EP 21204982 A 20211027

Priority
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Abstract (en)
This protection device, which is adapted to be placed in front of the anodes, comprises a frame (1) and a plurality of panels (3,6) which are mounted on the frame and are adapted to be displaced with respect to this frame, so as to allow access to said anodes for an operator. According to the invention panels (3,6) comprise a first set of inner panels (3a-3d), as well as a second set of so-called outer panels (6a-6d), said panels being adapted to slide with respect to said frame (1) along a longitudinal direction (XX) of anodes line(s) so that:- in a so-called closing configuration, panels (3,6) form a substantially continuous shield (S) in front of the line of anodes; and- in a so-called access configuration, at least one panel of inner set is at least partially retracted behind at least one panel of outer set, so as to define one passage (P5) for access to at least one of the anodes which are part of said line.

IPC 8 full level
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CPC (source: EP)
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WO 2015132479 A2 20150911 - ECL [FR]

Citation (search report)
• [X] NO 154526 B 19860630 - ALUSUISSE [CH]
• [X] SU 134429 A1 19601130 - VELICHKO G G, et al
• [A] US 4043892 A 19770823 - GONZALEZ JUAN M, et al
• [A] AU 2015208857 A1 20160728 - RIO TINTO ALCAN INT LTD
• [A] DE 102011052543 A1 20120216 - SOLIOS ENVIRONNEMENT [FR]

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