

Title (en)
SCRAPER FOR A CRUST BREAKER OF AN ALUMINIUM REDUCTION CELL

Title (de)
ABSTREIFER FÜR EINEN BOHRKUGEL ZUM BOHREN DER BADKRUSTE IN EINER ALUMINIUM-REDUKTIONSZELLE

Title (fr)
RACLEUR D'UN ORGANE DE PERCAGE D'UNE CROUTE DE BAIN D'UNE CELLULE D'ELECTROLYSE DESTINÉE À LA PRODUCTION D'ALUMINIUM

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Application
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Priority
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Abstract (en)
[origin: WO2006010818A2] The invention concerns a scraper (40) for a drilling member (33) such as a taper, for forming an opening in a crust of alumina and of a solidified igneous electrolytic solution by a reciprocating movement along an axis of translation T. The inventive scraper (40) is characterized in that it comprises a plurality of fingers (42) arranged about an axis of reference S designed to merge with said axis of translation T in use, so as to clear a space (44) between the fingers and the drilling member, and in that each finger (42) includes at least a scraping member (43) projecting towards the drilling member (33). The inventive scraper eliminates formation of an envelope at the surface of the drilling member which can block the member in the scraper.

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