

Title (en)

PROCESS FOR MONITORING THE DIAPHRAGM PERMEABILITY DURING THE ELECTROLYTIC PREPARATION OF POLYVALENT METALS,
AND ELECTROLYSIS CELL FOR CARRYING OUT THIS PROCESS

Publication

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Application

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Priority

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Abstract (en)

[origin: US4392924A] The process according to the invention concerns the production of polyvalent metals such as titanium by electrolysis of molten halides. It comprises controlling the permeability of the diaphragm which separates the anolyte from the catholyte, by causing growth or re-dissolution of a deposit of the metal to be produced. The process is applied in particular to the production of titanium by electrolysis from $TiCl_4$.

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