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(54) Title: ANODE FOR ELECTROLYSIS

(57) Abstract: The invention relates to an anode consisting of a titanium alloy substrate coated with noble metals by thermal decomposition of precursors thereof; the alloy of the substrate includes elements which can be oxidised during the thermal decomposition step, allowing electrical energy savings and a prolonged duration in industrial electrolytic processes. The anode of the invention is for instance suitable for chloralkali electrolysis, allowing to produce chlorine with a lower oxygen content and a lower energy consumption than the anodes of the prior art.

WO 2008/046784 A1