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(54) **Title**: CATHODE FOR ELECTROLYTIC PROCESSES

(57) **Abstract**: A cathode for electrolytic processes, particularly suitable for hydrogen evolution in chloralkali electrolysis consists of a metal substrate provided with a catalytic coating made of two layers containing palladium, rare earths (such as praseodymium) and a noble component selected between platinum and ruthenium. The rare earth percent amount by weight is lower in the outer layer than in the inner layer.