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(54) Title: CATALYST FOR ELECTROCHEMICAL REDUCTION OF OXYGEN

(57) Abstract: The invention relates to a sulphide catalyst for electrochemical reduction of oxygen particularly stable in chemically aggressive environments such as chlorinated hydrochloric acid. The catalyst of the invention comprises a noble metal sulphide single crystalline phase supported on a conductive carbon essentially free of zerovalent metal and of metal oxide phases, obtainable by reduction of metal precursor salts and thio-precursors with a borohydride or other strong reducing agent.

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