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(54) Title: CARBON-SUPPORTED METAL SULPHIDE CATALYST FOR ELECTROCHEMICAL OXYGEN REDUCTION

(57) Abstract: The invention relates to an improved carbon supported-noble metal sulphide electrocatalyst suitable for being incorporated in gas-diffusion electrode structures, in particular in oxygen-reducing gas-diffusion cathodes for aqueous hydrochloric acid electrolysis. The noble metal sulphide particles are monodispersed on the active carbon particles and the surface area ratio of noble metal sulphide particles to active carbon particles is at least 0.20.

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