

Title (en)

GAS DIFFUSION ELECTRODE SUPPORT STRUCTURE

Title (de)

GASDIFFUSIONSELEKTRODEN-TRÄGERSTRUKTUR

Title (fr)

STRUCTURE DE SUPPORT D'ELECTRODE A DIFFUSION GAZEUSE

Publication

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Application

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Abstract (en)

[origin: WO03036284A2] The invention relates to a gas diffusion electrode support structure that receives a gas diffusion electrode (10) for an electrochemical reactor. Said support structure has a base structure (8) to whose fin (11) a connecting element is connected via a weld seam (20) in an electrically conductive way. The connecting element is configured as a bent structure and encloses an edge area (15) of the gas diffusion electrode (10). The edge area (15) of the gas diffusion electrode (10), in an external section (32), is not coated, and in an interior section (33) is provided with an electrochemically active coating.

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