

Title (en)

POROUS SINTERED BODY COATED WITH AN ELECTRICALLY CONDUCTIVE COATING AND HAVING A HOMOGENEOUS LAYER THICKNESS

Title (de)

ELEKTRISCH LEITEND BESCHICHTETER PORÖSER SINTERKÖRPER MIT HOMOGENER SCHICHTDICKE

Title (fr)

CORPS FRITTÉ POREUX REVÊTU D'UN REVÊTEMENT ÉLECTROCONDUCTEUR ET PRÉSENTANT UNE ÉPAISSEUR DE COUCHE HOMOGÈNE

Publication

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Application

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Abstract (en)

[origin: WO2022207789A1] The invention relates to a coated sintered body, comprising a sintered body (11) and an electrically conductive coating (9). The sintered body (11) comprises a glass or glass ceramic and has an open porosity in the range of 10 to 90%. The electrically conductive coating is connected to the inner surface of the sintered body (11), and the electrically conductive coating is part of a heating device of the coated sintered body. The electrically conductive coating is homogeneous and has a variance in the layer thickness of at most 50%.

IPC 8 full level

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