

Title (en)
HIGH-TEMPERATURE RESISTANT SEAL

Title (de)
HOCHTEMPERATURBESTÄNDIGE DICHTUNG

Title (fr)
JOINT RESISTANT A HAUTE TEMPERATURE

Publication
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Application
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Priority

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Abstract (en)
[origin: WO03032420A2] The invention relates to a high-temperature resistant seal, particularly a seal for use in a high-temperature fuel cell. The inventive seal comprises a structured metallic layer having at least one area on whose surface a filler is placed. The filler is comprised, in particular, of clay minerals or ceramic materials. The seal thus advantageously combines the sealing properties of a metallic layer, for example, of an undulated metal foil with the elastic properties of the filler. The seal is particularly suited for use at high temperatures and thus, for example, in high-temperature fuel cells.

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