

Title (en)

DETERMINATION OF ALCOHOL CONCENTRATIONS IN FUEL CELL ELECTROLYTES

Title (de)

BESTIMMUNG DER ALKOHOLKONZENTRATION IM ELEKTROLYT VON BRENNSTOFFZELLEN

Title (fr)

DETERMINATION DE LA CONCENTRATION D'ALCOOL DANS L'ELECTROLYTE DE PILES A COMBUSTIBLE

Publication

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Application

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Abstract (en)

[origin: WO0123874A1] The invention relates to a method for determining alcohol concentrations in an alcohol/water-mixture found in fuels cells operated using said mixture, in particular direct-methanol-fuel-cells. A portion of the alcohol/water-mixture is separated and transported against a predefined pressure. The separated part of the mixture is heated to boiling, the boiling temperature is measured and the amount of alcohol in the mixture is determined.

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