Title (en)

NOVEL ION-CONDUCTING MATERIALS SUITABLE FOR USE IN ELECTROCHEMICAL APPLICATIONS AND METHODS RELATED THERETO

Title (de)

IONISCH LEITENDE MATERIALIEN GEEIGNET ZUR VERWENDUNG IN ELEKTROCHEMISCHEN ANWENDUNGEN UND VERFAHREN

Title (fr)

MATERIAUX CONDUCTEURS D'IONS POUR L'ELECTROCHIMIE ET PROCEDES CORRESPONDANTS

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Application

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Abstract (en)

[origin: WO0024796A1] This invention relates to novel ion-conducting materials suitable for use as solid polymer electrolyte membranes in electrochemical applications including fuel cell systems. More specifically, these novel ion-conducting polymers are based on sulfonated polyaryletherketone polymers or sulfonated polyphenylsulfone polymers, including copolymers, or blends thereof. The present invention also describes novel processes for producing these ion-conducting materials.

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