

Title (en)

POLYMER ELECTROLYTE COMPRISING AT LEAST ONE ORGANIC SOLVENT AND AT LEAST ONE AROMATIC IONOMER AND USES THEREOF

Title (de)

POLYMERELEKTROLYT MIT MINDESTENS EINEM ORGANISCHEN LÖSUNGSMITTEL UND MINDESTENS EINEM AROMATISCHEN IONOMER UND VERWENDUNGEN DAVON

Title (fr)

ÉLECTROLYTE POLYMÈRE COMPRENANT AU MOINS UN SOLVANT ORGANIQUE ET AU MOINS UN IONOMÈRE AROMATIQUE ET SES UTILISATIONS

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Application

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Abstract (en)

[origin: EP3584863A1] The present invention relates to a polymer electrolyte comprising at least one organic solvent and at least one aromatic ionomer, wherein:- the organic solvent is a plasticizing solvent with a boiling point higher than 100°C and an electrochemical stability window of at least 2 V,- the aromatic ionomer comprises alternating ionic and nonionic segments; said aromatic ionomer comprising:• at least nonionic aromatic repeating units UAr1, and• at least one ionic repeating unit UI1 of formula (I).

IPC 8 full level

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