

Title (en)

CATION EXCHANGE POLYMERS AND ANION EXCHANGE POLYMERS AND CORRESPONDING (BLEND) MEMBRANES MADE OF POLYMERS CONTAINING HIGHLY FLUORINATED AROMATIC GROUPS, BY WAY OF NUCLEOPHILIC SUBSTITUTION

Title (de)

KATIONENAUSTAUSCHER- UND ANIONENAUSTAUSCHERPOLYMERE UND -(BLEND)MEMBRANEN AUS HOCHFLUORIERTE AROMATISCHE GRUPPEN ENTHALTENDEN POLYMEREN MITTELS NUCLEOPHILER SUBSTITUTION

Title (fr)

POLYMÈRES ÉCHANGEURS DE CATIONS ET POLYMÈRES ÉCHANGEURS D'ANIONS ET MEMBRANES (MIXTES) CORRESPONDANTES CONSTITUÉES DE POLYMÈRES CONTENANT DES GROUPES AROMATIQUES HAUTEMENT FLUORÉS, PAR SUBSTITUTION NUCLÉOPHILE

Publication

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Application

**EP 20810888 A 20201117**

Priority

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Abstract (en)

[origin: CA3158871A1] The present invention relates to new anion exchange polymers and corresponding (blend) membranes made of polymers containing highly fluorinated groups, by way of nucleophilic substitution, and method for producing same by way of nucleophilic aromatic substitution, and their use in membrane processes, in particular electrochemical membrane processes such as in fuel cells, in electrolysis and in redox flow batteries.

IPC 8 full level

**C08J 9/28** (2006.01); **B01D 71/32** (2006.01); **C08F 8/30** (2006.01); **C08F 12/20** (2006.01); **C08G 73/00** (2006.01); **C08L 25/18** (2006.01); **H01M 8/1039** (2016.01)

CPC (source: EP KR US)

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C-Set (source: EP)

1. **C08F 8/30 + C08F 112/20**
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