

Title (en)  
SULPHUR-COMPRISING, FLUORINATED AND SULPHONATED AROMATIC ALKANE MONOMER

Title (de)  
SCHWEFELHALTIGES, FLUORIERTE UND SULFONIERTES AROMATISCHES ALKANMONOMER

Title (fr)  
MONOMERE ALCANE AROMATIQUE SOUFRE, FLUORE ET SULFONE

Publication  
**EP 2788320 A1 20141015 (FR)**

Application  
**EP 12794964 A 20121130**

Priority  
• FR 1161194 A 20111206  
• EP 2012074102 W 20121130

Abstract (en)  
[origin: WO2013083488A1] A sulphur-comprising, fluorinated and sulphonated aromatic alkane monomer which can be used for the manufacture of a polymer membrane intended, for example, for a PEM (Polymer Electrolyte Membrane) fuel cell, said functionalized monomer corresponding to formula: (I) F-Ar1-X1-(CH2)n-X2-Ar2-F in which: -n is included in a range from 1 to 20; -the symbols X1 and X2, which may be identical or different, are S, SO or SO2; -the symbols Ar and Ar2, which may be identical or different, are a phenylene group, at least one of which bears a sulphonic group -SO3H or a sulphonate group -SO3M, wherein M is an alkali metal cation.

IPC 8 full level  
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CPC (source: EP)  
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