

Title (en)  
AROMATIC SULFINATES AND SULFONYL HALIDES, AND THE PREPARATION THEREOF

Title (de)  
AROMATISCHE SULFINATE UND SULFONYLHALIDE SOWIE IHRE HERSTELLUNG

Title (fr)  
SULFINATES ET HALOGENURES DE SULFONYLE AROMATIQUES, ET LEUR PREPARATION.

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Application  
**EP 07823294 A 20070717**

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Abstract (en)  
[origin: WO2008009816A2] The invention relates to aromatic sulfinates and sulfonyl halides, and to the preparation thereof. The halides and the sulfinates are respectively of formulae  $\text{Ar-Z} \cdot (\text{CF})_2 \cdot (\text{CF})_n \cdot \text{CF}_f \cdot \text{SO}_2 \cdot \text{Y}$  (I) and  $[\text{Ar-Z} \cdot (\text{CF})_2 \cdot (\text{CF})_n \cdot \text{CF}_f \cdot \text{SO}_2] \cdot \text{M}$  wherein Z is a sulfide, sulfinyl or sulfonyl group; n is 0 or 1; R<sub>f</sub> is F or a perfluoroalkyl group; Ar is an aromatic grouping; Y is Cl, Br or F; M is H, an alkaline metal, an alkaline-earth metal cation, a trivalent or tetravalent metal cation, or an organic cation. The sulfinates can be used for the preparation of sulfonyl halides which can be used for producing sulfonates and sulfonylimidides as salts for an electrolyte.

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