

Title (en)
FLUOROSURFACTANTS

Title (de)
FLUORTENSIDE

Title (fr)
TENSIOACTIFS FLUORÉS

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Application
EP 07764997 A 20070702

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Abstract (en)
[origin: WO2008003446A2] The invention relates to compounds comprising an aryl sulfonate group, a spacer and a Y group, wherein Y represents $\text{CF}(\text{CH}_2)_a\text{O}$, SF_5 , $\text{CF}_3(\text{CH}_2)_a$, $\text{CF}_3(\text{CH}_2)_a\text{N}$ or $\text{CF}_3(\text{CH}_2)_a\text{NH}$, a represents a whole number selected from the range of 0 to 5 or (formula I), Rf represents $\text{CF}_3(\text{CH}_2)_r$, $\text{CF}_3(\text{CH}_2)_r\text{O}$, $\text{CF}_3(\text{CH}_2)_r\text{S}$, $\text{CF}_3(\text{CH}_2)_r\text{CF}_2$, $\text{SF}_5(\text{CH}_2)_r$ or $[\text{CF}_3(\text{CH}_2)_r(\text{CH}_2)_2\text{N}]_b$ or $[\text{CF}_3(\text{CH}_2)_r(\text{CH}_2)_2\text{NH}]_c$, B represents a simple bond, O, NH, NR, CH_2 , $\text{C}(\text{O})$, $\text{C}(\text{O})$, S, CH_2O , $\text{O-C}(\text{O})$, $\text{N-C}(\text{O})$, $\text{C}(\text{O})\text{N}$, $\text{O-C}(\text{O})\text{N}$, $\text{N-C}(\text{O})\text{N}$, O-SO_2 or SO_2O , R represents alkyl having 1 to 4 C-atoms, b represents 0 or 1 and c represents 0 or 1, q represents 0 or 1, at least one radical from b and q represents 1, and r represents 0, 1, 2, 3, 4 or 5. The invention also relates to a method for the production of said compounds and to the uses of said surface-active compounds.

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