

Title (en)
ASPHALT EMULSIONS

Title (de)
ASPHALTEMULSIONEN

Title (fr)
EMULSIONS D'ASPHALTE

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Application
EP 96910532 A 19960325

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Abstract (en)
[origin: WO9630446A1] Disclosed are oil-in-water asphalt emulsions comprising asphalt dispersed as the discontinuous phase in an aqueous continuous phase, the emulsions containing one or more anionic emulsifiers selected from the group consisting of compounds of the formulas (Ia), (Ib), (II), (III), (IVa) and (IVb): (R<1>CH(OH)-(CH₂)_mSO₃)_iX (Ia); (R<1>CH=CH(CH₂)_m-1SO₃)_iX (Ib); (R<2>O-(AlkO)_cCH₂COO)_iX (II); ((R<3>)_k-(A)-SO₃)_iX (III); wherein R<1>, R<2> and R<3> are C₆-40 hydrocarbyl, m is 1-10, X is -H or a cation, c is 1-20, A is phenyl or polycyclic aromatic, k is 1-3, and i is the valence of X; and R<4>-(OC₃H₆)₀₋₁-(C(O)NH(CH₂)₁₋₃)₀₋₁-N(Z<1>)(Z<2>)₀₋₁-ZCOOX (IVa); R<4>-(OC₃H₆)₀₋₁-(C(O)NH(CH₂)₁₋₃)₀₋₁-N(Z<1>)(Z<2>)₀₋₁-ZSO₃XH (IVb); wherein R<4> is C₄-24 alkyl or alkylene, f is 1-6, X is -H or a cation, Z is (CH₂)_f, CH₂CHOHCH₂, or CH₂CH₂OCH₂CH₂, and Z<1> and Z<2> are C_fH_{2f+1} or C_fH_{2f}OH, or in (a) Z<1> can be -ZCOOX.

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C08L 95/00; **C09D 195/00**

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- No further relevant documents disclosed
- See references of WO 9630446A1

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