

Title (en)
EMULSIFIERS, ESPECIALLY BASED ON POLYISOBUTYLENAMINES

Title (de)
EMULGATOREN, INSBESONDERE AUF BASIS VON POLYISOBUTYLENAMINEN

Title (fr)
EMULSIFIANTS, EN PARTICULIER A BASE D'AMINES DE POLYISOBUTYLENE

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Abstract (en)
[origin: WO02070633A2] The invention relates to compounds, especially compounds based on polyisobutylenamines, which are suitable for emulsifiers for water-in-oil emulsions. The invention also relates to a method for the production of said compounds and to the use thereof, mainly as additives for fuels and lubricants. The compounds according to the invention are compounds of general formula (I), wherein R<1> represents a C1-C8-alkylene or a C2-C8-alkenylene optionally substituted with C1 -C12-alkyl; R<2> represents a linear or branched C8-C350-alkyl or a C8-C350-alkenyl; R<3> and R<4> independently represent H, methyl or ethyl and together do not have more than 2 C atoms; R<5> represents H, M<+>, SO₃H, SO₃<-> M<+>, PO₃H, PO₃<->M<+> and C(O)R₇, wherein M+ represents NH₄<+>, an alkaline metal ion or 0.5 earth alkaline metal ions; R<7> represents one linear C2- to C10- hydrocarbon radical substituted with at least one hydrophilic group, and y and z independently represent whole numbers from 0 to 50, wherein R<5> = H if y = 0 and R<6> = H if z = 0.

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