

Title (en)
ALKOXYLATED PHOSPHORIC ACID TRIESTERS WITH A HIGH DEGREE OF ALKOXYLATION

Title (de)
ALKOXYLIERTE PHOSPHORSÄURETRIESTER MIT HOHEM ALKOXYLIERUNGSGRAD

Title (fr)
TRIESTERS D'ACIDE PHOSPHORIQUE ALCOXYLÉS À DEGRÉ D'ALCOXYLATION ÉLEVÉ

Publication
EP 2185629 A2 20100519 (DE)

Application
EP 08785169 A 20080729

Priority
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• DE 102007036187 A 20070802

Abstract (en)
[origin: DE102007036187A1] Alkoxyated phosphoric acid triester derivative (I), is new. Alkoxyated phosphoric acid triester derivative of formula (R 1-(OA 1) x-O-P(=O)(-O-(A 2O) yR 2)(-O-(A 3O) z)R 3) (I), is new. R 1-R 36-30C (preferably 12-18C) alkyl, 6-30C (preferably 12-18C) alkenyl or aryl (preferably phenyl substituted with 1-3 of 3-18C alkyl, preferably 4-12C alkyl); (OA 1) x, (A 2O) y, (A 3O) zCH 2CH 2O, C 3H 6O or C 4H 8O (where the respective units are arranged in a block-wise or statistical manner); x, y, z : 51-200 (preferably 60-100). An independent claim is included for a mixture comprising (I) and one or more phosphoric acid ester of formula (R 1-(OA 1) x-O-P(=O)(-O-(A 2O) wR 5)(-O-R 4)) (II). R 4Li +, Na +, K +, Mg ++, Ca ++, Al ++, NH 4+ or quaternary ammonium ion of formula (HNR1aR1bR1c) +; R1a, R1b, R1c : H, 1-22C alkyl, 2-22C alkenyl, 2-10C mono-hydroxy alkyl (preferably mono-hydroxyethyl or mono-hydroxypropyl) or 3-10C di-hydroxyalkyl; R 5R 1 or R 4; (OA 1) x, (A 2O) wCH 2CH 2O, C 3H 6O or C 4H 8O, where all the units are arranged in a block-wise or statistical manner; w : 0 or 51-200 (preferably 60-100).

IPC 8 full level
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