Title (en)

(METH)ACRYLIC ESTER FOR ALKYLENYLENE GLYCOL AND THE USE THEREOF

Title (de)

(METH)ACRYLESTER VON ALKYLENYLENGLYCOLEN UND DEREN VERWENDUNG

Title (fr)

ESTERS (METH)ACRYLIQUES DE GLYCOLS ALKYLENE-YLENE ET LEUR UTILISATION

Publication

EP 1636291 A1 20060322 (DE)

Application

EP 04736051 A 20040604

Priority

- EP 2004006033 W 20040604
- EP 0305953 W 20030606
- DE 10358369 A 20031211

Abstract (en)

[origin: WO2004108795A1] The invention relates to novel (Meth)acrylic ester for polyalkoxylated glycols of formula (I) wherein AO is for each AO -0-CHR3- CHR4- or -CHR3-CHR4-0- independent of each other, R3 and R4 are H other, linear or branched Cl -C8-alkyl independent of each; p1 is 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, or 35; p2 is 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, or 35; n is 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 447, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100; R1 and R2 are H or CH3 independent of each other, whereas R3 and R4 are not simultaneously H at least for one AO in (AO)p1 and at least for one AO in (AO)p2. A simplified method for producing said esters and the use of the thus obtained reaction mixtures are also disclosed.

IPC 1-7

C08G 65/332; C07C 69/54; A61L 15/60

IPC 8 full level

C08G 65/26 (2006.01); **C08G 65/332** (2006.01)

CPC (source: EP)

C08G 65/2609 (2013.01); **C08G 65/3322** (2013.01)

Citation (search report)

See references of WO 2004108795A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004108795 A1 20041216; BR PI0410899 A 20060704; CA 2527362 A1 20041216; EP 1636291 A1 20060322; JP 2006527179 A 20061130; MX PA05012802 A 20060222

DOCDB simple family (application)

EP 2004006033 W 20040604; BR PI0410899 A 20040604; CA 2527362 A 20040604; EP 04736051 A 20040604; JP 2006508273 A 20040604; MX PA05012802 A 20040604