

Title (en)
FLUOROSURFACTANTS

Title (de)
FLUORTENSIDE

Title (fr)
TENSIOACTIFS FLUORÉS

Publication
EP 2035130 A1 20090318 (DE)

Application
EP 07764996 A 20070702

Priority
• EP 2007005840 W 20070702
• DE 102006031151 A 20060704

Abstract (en)
[origin: WO2008003445A1] The invention relates to fatty acid alkanol- or polyolamides having at least one Y group, wherein Y represents CF₃-(CH₂)_a-O-, SF₅-, CF₃-(CH₂)_a-S-, CF₃CF₂-S-, [CF₃-(CH₂)_a]₂N- or [CF₃-(CH₂)_a]NH-, a represents a whole number selected from the range 0 to 5 or (formula I), Rf represents CF₃-(CH₂)_r-S-, CF₃-(CH₂)_r-O-, CF₃-(CH₂)_r-S-, CF₃CF₂-S-, SF₅-(CH₂)_r- (CH₂)_r- or [CF₃-(CH₂)_r]-₂N-, [CF₃-(CH₂)_r]NH- or (CF₃)-(CH₂)_r-N-(CH₂)_r, B represents a simple bond, O, NH, NR, CH₂, C(O)-O, C(O) S, CH₂-O, O-C(O), N-C(O)-N, O-C(O)-N, O-SO₂ or SO₂-O, 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 producing said compounds and to the used of said surface-active compounds.

IPC 8 full level
C09K 23/00 (2022.01)

CPC (source: EP US)
C07C 235/08 (2013.01 - EP US); **C07C 237/08** (2013.01 - EP US); **C07C 323/60** (2013.01 - EP US); **C07C 329/16** (2013.01 - EP US);
C07C 381/00 (2013.01 - EP US); **C09K 3/16** (2013.01 - EP US); **C09K 3/18** (2013.01 - EP US); **C09K 23/007** (2022.01 - EP US)

Citation (search report)
See references of WO 2008003445A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006031151 A1 20080110; EP 2035130 A1 20090318; JP 2009541401 A 20091126; US 2009312432 A1 20091217;
US 8049022 B2 20111101; WO 2008003445 A1 20080110

DOCDB simple family (application)
DE 102006031151 A 20060704; EP 07764996 A 20070702; EP 2007005840 W 20070702; JP 2009517018 A 20070702;
US 30714507 A 20070702