

Title (en)

FOAM REGULATING AGENT BASED ON CATIONIC URETHANE OLIGOMERS

Title (de)

SCHAUMREGULIERUNGSMITTEL AUF EINER BASIS VON KATIONISCHEN URETHAN-OLIGOMEREN

Title (fr)

AGENT DE REGULARISATION DE MOUSSE A BASE D'OLIGOMERES D'URETHANNE CATIONIQUE

Publication

EP 1660551 A1 20060531 (DE)

Application

EP 04764548 A 20040827

Priority

- EP 2004009574 W 20040827
- DE 10339479 A 20030827

Abstract (en)

[origin: WO2005021613A1] The invention relates to a cationic poly(ether-urethane) consisting of a) at least one polyetherol, as constituent A; b) at least one tertiary diol containing amine or ammonium, as constituent B; c) at least one diisocyanate, as constituent C; d) and optionally at least one shortstopping agent, as constituent D; the cationic poly(ether-urethane) having an amine value of between 5 and 40. The invention also relates to a method for producing the inventive cationic poly(ether-urethanes), to compositions containing said cationic poly(ether-urethanes) and at least one anionic surfactant, to a method for foam regulation, especially for the suppression of foam or for defoaming, using at least one inventive cationic poly(ether-urethane), and to the use of said cationic poly(ether-urethane) for foam regulation, especially as a foam suppressing agent or a defoaming agent.

IPC 1-7

C08G 18/08; **C08G 18/73**; **C08G 18/48**; **C08G 18/28**

IPC 8 full level

B01D 19/04 (2006.01); **C08G 18/08** (2006.01); **C08G 18/28** (2006.01); **C08G 18/48** (2006.01); **C08G 18/73** (2006.01); **C11D 3/00** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP US)

B01D 19/0413 (2013.01 - EP US); **C08G 18/0814** (2013.01 - EP US); **C08G 18/281** (2013.01 - EP US); **C08G 18/4825** (2013.01 - EP US); **C08G 18/73** (2013.01 - EP US); **C11D 3/0026** (2013.01 - EP US); **C11D 3/3726** (2013.01 - EP US)

Citation (search report)

See references of WO 2005021613A1

Cited by

CN110314768A

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 2005021613 A1 20050310; BR PI0413415 A 20061010; CA 2535067 A1 20050310; CN 100523035 C 20090805; CN 1842553 A 20061004; DE 10339479 A1 20050512; EP 1660551 A1 20060531; JP 2007503495 A 20070222; JP 4318719 B2 20090826; MX PA06001682 A 20060519; US 2006263324 A1 20061123; US 7807725 B2 20101005

DOCDB simple family (application)

EP 2004009574 W 20040827; BR PI0413415 A 20040827; CA 2535067 A 20040827; CN 200480024603 A 20040827; DE 10339479 A 20030827; EP 04764548 A 20040827; JP 2006524334 A 20040827; MX PA06001682 A 20040827; US 56980906 A 20060227