

Title (en)
ZWITTERIONIC POLYMERS COMPRISING BETAIN-TYPE UNITS AND USE OF ZWITTERIONIC POLYMERS IN DRILLING FLUIDS

Title (de)
ZWITTERIONISCHE POLYMERE MIT EINHEITEN VOM BETAIN-TYP UND VERWENDUNG VON ZWITTERIONISCHEN POLYMEREN IN BOHRFLÜSSIGKEITEN

Title (fr)
POLYMERES ZWITTERIONIQUES COMPRENANT DES UNITES DE TYPE BETAIN ET UTILISATION DE POLYMERES ZWITTERIONIQUES DANS DES FLUIDES DE FORAGE

Publication
EP 1694727 A2 20060830 (FR)

Application
EP 04805713 A 20041215

Priority
• FR 2004003239 W 20041215
• FR 0314675 A 20031215

Abstract (en)
[origin: FR2863617A1] Polymers comprising at least 35 mole% betaine-functional units are used as clay swelling inhibitors and/or fluid loss additives in drilling fluids. Independent claims are also included for: (1) zwitterionic polymers comprising alkoxyated units of formula (I) and at least 35 mole % betaine-functional units; (2) drilling fluid containing a zwitterionic polymer as above. CH 2CHR 6>(X 2>(CH 2CH 2O) nR 7>) (I) R 6>H or Me; X 2>COO, CONH or C 6H 4CH 2; n : 1 or more; R 7>H, alkyl or tristyrilphenyl.

IPC 8 full level
C08F 220/38 (2006.01); **C08F 220/20** (2006.01); **C08F 220/26** (2006.01); **C08F 220/34** (2006.01); **C08F 246/00** (2006.01); **C09K 8/035** (2006.01)

CPC (source: EP US)
C08F 246/00 (2013.01 - EP US); **C09K 8/035** (2013.01 - EP US); **C09K 2208/12** (2013.01 - EP US)

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FR 2863617 A1 20050617; **FR 2863617 B1 20060121**; BR PI0417524 A 20070306; CN 100591703 C 20100224; CN 1894292 A 20070110; EP 1694727 A2 20060830; NO 20062772 L 20060914; RU 2006125453 A 20080127; RU 2333225 C2 20080910; US 2008045420 A1 20080221; WO 2005059860 A2 20050630; WO 2005059860 A3 20050929

DOCDB simple family (application)
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