

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 tristyrylphenyl.

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)

Citation (search report)

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