

Title (en)

ADDITIVE FOR CEMENTING BOREHOLES

Title (de)

ADDITIV ZUM ZEMENTIEREN VON BOHRLÖCHERN

Title (fr)

ADDITIF POUR CIMENTER DES TROUS DE FORAGE

Publication

EP 2247689 A1 20101110 (DE)

Application

EP 09711767 A 20090119

Priority

- EP 2009050551 W 20090119
- DE 102008010795 A 20080223

Abstract (en)

[origin: CA2715588A1] The invention relates to an additive based on a polyalkylene imine and a sulfonated formaldehyde-containing condensation product, and the use thereof as a fluid loss additive for the cementing of boreholes in the fields of crude oil and natural gas. Typical representatives of polyalkylene imines are polyethylene imine, polypropylene imine, and polybutylene imine, which can also be derivatised. Preferred condensation products are acetone/formaldehyde resins. Such additives which are left to ripen before being used, especially by being allowed to stand, have an especially low fluid loss value.

IPC 8 full level

C09K 8/487 (2006.01); **C04B 24/12** (2006.01)

CPC (source: EP US)

C04B 24/125 (2013.01 - EP US); **C04B 24/28** (2013.01 - EP US); **C04B 40/0039** (2013.01 - EP US); **C04B 40/0042** (2013.01 - EP US); **C09K 8/487** (2013.01 - EP US); **C04B 2103/46** (2013.01 - EP US)

C-Set (source: EP US)

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Citation (search report)

See references of WO 2009103579A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

DE 102008010795 A1 20090827; BR PI0907850 A2 20150721; CA 2715588 A1 20090827; CA 2715588 C 20120821; CN 101952387 A 20110119; EP 2247689 A1 20101110; MX 2010009247 A 20100910; RU 2010138837 A 20120327; RU 2490294 C2 20130820; US 2010317764 A1 20101216; US 8470907 B2 20130625; WO 2009103579 A1 20090827

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