

Title (en)  
ANTI-AGGLOMERATE GAS HYDRATE INHIBITORS FOR USE IN PETROLEUM AND NATURAL GAS SYSTEMS

Title (de)  
ANTIAGGLOMERAT-GASHYDRATINHIBITOREN ZUR VERWENDUNGFÜR ERDÖL- UND ERDGASSYSTEME

Title (fr)  
INHIBITEURS D'HYDRATES DE GAZ ANTI-AGGLOMÉRAT DESTINÉS À ÊTRE UTILISÉS DANS LES SYSTÈMES DE PÉTROLE ET DE GAZ NATUREL

Publication  
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Application  
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Priority  
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Abstract (en)  
[origin: WO2013048365A1] A method of inhibiting gas hydrate formation in petroleum and natural gas production systems through the use of low dosage hydrate inhibitors which include reaction products of non-halide-containing inorganic acids, organic acids, and organic amines. The use of these non-halide-containing reaction products rather than chloride containing acids or alkylating agents avoids corrosion and stress cracking caused by residual inorganic chloride and other inorganic, halide-containing acids. The anti-agglomerate compositions can be administered continuously to effectively inhibit gas hydrate formation. In preferred embodiments, the anti- agglomerate compositions are mixtures of reaction products of non-halide-containing organic acids and organic amines.

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**C09K 8/52** (2006.01)

CPC (source: EP)  
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