

Title (en)  
HYBRID MIXTURES FOR GAS HYDRATE INHIBITION APPLICATIONS

Title (de)  
HYBRIDE GEMISCHE FÜR GASHYDRATINHIBITION

Title (fr)  
MÉLANGES HYBRIDES POUR APPLICATIONS D'INHIBITION D'HYDRATES GAZEUX

Publication  
**EP 2658945 A1 20131106 (EN)**

Application  
**EP 11799728 A 20111223**

Priority

- US 201061427940 P 20101229
- EP 11158599 A 20110317
- EP 2011073928 W 20111223
- EP 11799728 A 20111223

Abstract (en)  
[origin: WO2012089654A1] A method of inhibiting gas hydrates comprises contacting gas hydrates with a hybrid mixture including a copolymer of at least one ethylenically unsaturated monomer and a naturally derived hydroxyl containing chain transfer agent.

IPC 8 full level  
**C09K 8/52** (2006.01); **C10L 1/22** (2006.01); **C10L 3/06** (2006.01); **C10L 3/10** (2006.01); **F17D 1/00** (2006.01)

CPC (source: EP US)  
**C09K 8/52** (2013.01 - EP US); **C10L 1/221** (2013.01 - EP US); **C10L 3/06** (2013.01 - EP US); **C10L 3/107** (2013.01 - EP US); **F17D 1/00** (2013.01 - EP US); **F17D 1/16** (2013.01 - EP); **F17D 3/12** (2013.01 - EP); **C09K 2208/22** (2013.01 - EP US)

Citation (search report)  
See references of WO 2012089654A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2012089654 A1 20120705**; EP 2658945 A1 20131106; US 2013292611 A1 20131107

DOCDB simple family (application)  
**EP 2011073928 W 20111223**; EP 11799728 A 20111223; US 201113997338 A 20111223