

Title (en)

Process for transporting hydrates suspended in plant effluents using a non-polluting additiv

Title (de)

Verfahren zum Transport von in Produktionsabflüssen enthaltenen Hydraten durch Verwendung eines umweltfreundlichen Zusatzmittels

Title (fr)

Méthode pour transporter des hydrates en suspension dans des effluents de production utilisant un additif non-polluant

Publication

EP 1676896 A1 20060705 (FR)

Application

EP 05292604 A 20051205

Priority

FR 0413304 A 20041213

Abstract (en)

Method for transporting hydrates in suspension within a fluid comprising water, a gas and a liquid hydrocarbon (where hydrates can be formed starting from water and gas), comprises incorporating the fluid mixture containing component A of formed esters enters to a 8-24C monocarboxylic acid and 2-200C alcohol, and component B of non-ionic surface-active agents such as monocarboxylic polymerized unsaturated fatty acids.

IPC 8 full level

C09K 8/08 (2006.01); **C10L 3/00** (2006.01); **E21B 37/06** (2006.01); **F17D 1/16** (2006.01)

CPC (source: EP US)

C10L 3/003 (2013.01 - EP US); **C10L 3/06** (2013.01 - EP US); **C10L 3/108** (2013.01 - EP US); **F17D 1/16** (2013.01 - EP US); **Y10S 585/95** (2013.01 - EP US); **Y10T 137/0391** (2015.04 - EP US)

Citation (applicant)

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- [DA] EP 0457375 A1 19911121 - SHELL INT RESEARCH [NL]
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DOCDB simple family (publication)

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DOCDB simple family (application)

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