Title (en)

AMIDE BRANCHED AROMATIC GELLING AGENTS

Title (de)

AMIDVERZWEIGTE AROMATISCHE GELIERMITTEL

Title (fr)

AGENTS GÉLIFIANTS AMIDES AROMATIQUES RAMIFIÉS

Publication

EP 2976407 A4 20170104 (EN)

Application

EP 13878799 A 20130322

Priority

CA 2013050238 W 20130322

Abstract (en)

[origin: WO2014146191A1] A downhole fluid comprises a base fluid, for example a hydrocarbon base fluid, and a gelling agent. The gelling agent has an aromatic core of one or more aromatic rings, the gelling agent having two or more amide branches distributed about the aromatic core, each of the two or more amide branches having one or more organic groups. An example gelling agent is a pyromellitamide gelling agent. The pyromellitamide gelling agent may have the general formula of (I) with R1, R2,R3, R4, R5, R6, R7, and R8 each being a hydrogen or an organic group. Methods of use and composition are discussed.

IPC 8 full level

C09K 8/34 (2006.01); **B01J 19/06** (2006.01); **E21B 43/22** (2006.01); **E21B 43/26** (2006.01)

CPC (source: EP)

C09K 8/035 (2013.01); **C09K 8/68** (2013.01); C09K 2208/26 (2013.01)

Citation (search report)

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- See references of WO 2014146191A1

Designated contracting state (EPC)

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