



New connection on: : 13-06-2018 : 18:53:31 - Last disconnection on: : 13-06-2018 : 18:37:10

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#{D201802}) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 7] FLUID AND FRACTURING

Results in EPODOC 7.485

[SS 8] 1 AND CROOSLINKED

Results in EPODOC 0

[SS 9] 7 AND CROSSLINKED

Results in EPODOC 246

[SS 10] 9 AND RUPTURE

Results in EPODOC 2

[SS 11] 9 AND AGENT AND GELLING

Results in EPODOC 37

[SS 12] ..LI PN TI



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PN - [CA3005325](#) A1 20170810

TI - ENHANCING PROPPED COMPLEX FRACTURE NETWORKS

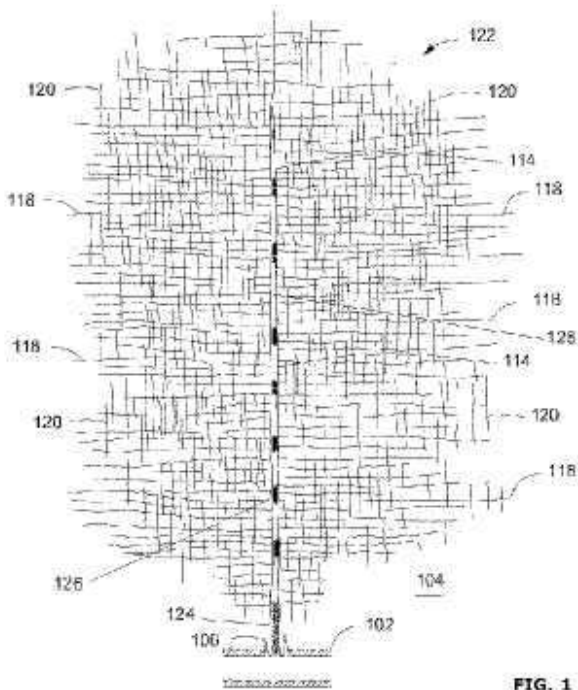


FIG. 1

PN - [US2018016486](#) A1 20180118

TI - **CROSSLINKED FLUID** TREATMENT AND METHODS FOR **FRACTURING** UNDERGROUND FORMATIONS BASED ON FLOWBACK, PRODUCTION WATER, SEAWATER, FRESH WATER, AND MIXTURES OF SAME

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PN - [MX2017004150](#) A 20170912

TI - **CROSSLINKED FLUID** TREATMENT AND METHODS FOR **FRACTURING** UNDERGROUND FORMATIONS BASED ON FLOWBACK, PRODUCTION WATER, SEAWATER, FRESH WATER, AND MIXTURES OF SAME.

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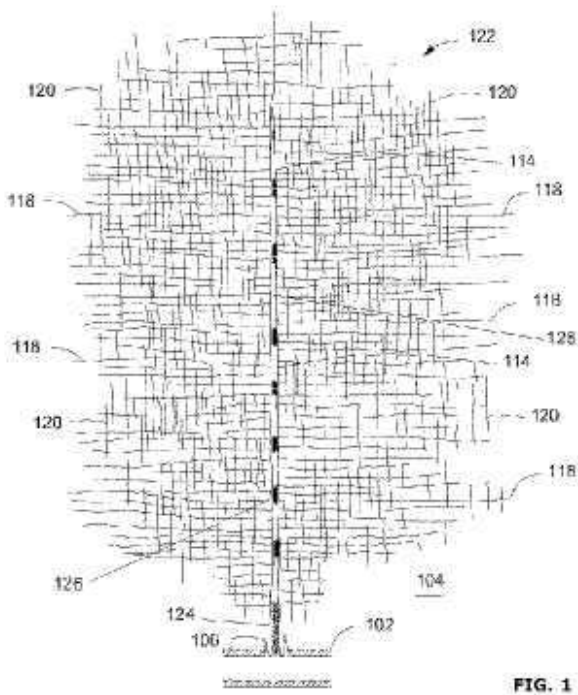
PN - [CN107109200](#) A 20170829

TI - **CROSSLINKED FLUID** TREATMENT AND METHODS FOR **FRACTURING** UNDERGROUND FORMATIONS BASED ON FLOWBACK, PRODUCTION WATER, SEAWATER, FRESH WATER, AND MIXTURES OF SAME

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PN - [WO2017135938](#) A1 20170810

TI - ENHANCING PROPPED COMPLEX FRACTURE NETWORKS



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PN - [RU2624496](#) C1 20170704

TI - METHOD OF **CROSSLINKED** GEL DESTRUCTION IN WORKING LIQUID FOR OIL PRODUCING WELL TREATMENT

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PN - [US2017137700](#) A1 20170518

TI - (A1)
Low Residue, High Salinity **Fracturing** Fluids

- (B2)
Low residue, high salinity **fracturing** fluids

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PN - [AU2015389879](#) A1 20170316

TI - **Crosslinked fluid** treatment and methods for **fracturing** underground formations based on flowback, production water, seawater, fresh water, and mixtures of same

9/37 © EPODOC / EPO
PN - [CA2959126](#) A1 20161006
TI - **CROSSLINKED FLUID** TREATMENT AND METHODS FOR **FRACTURING** UNDERGROUND FORMATIONS BASED ON FLOWBACK, PRODUCTION WATER, SEAWATER, FRESH WATER, AND MIXTURES OF SAME

10/37 © EPODOC / EPO
PN - [WO2016156956](#) A1 20161006
TI - **CROSSLINKED FLUID** TREATMENT AND METHODS FOR **FRACTURING** UNDERGROUND FORMATIONS BASED ON FLOWBACK, PRODUCTION WATER, SEAWATER, FRESH WATER, AND MIXTURES OF SAME

11/37 © EPODOC / EPO
PN - [WO2016156651](#) A1 20161006
TI - **CROSSLINKED FLUID** TREATMENT AND METHODS FOR **FRACTURING** UNDERGROUND FORMATIONS BASED ON FLOWBACK, PRODUCTION WATER, SEAWATER, FRESH WATER, AND MIXTURES OF SAME

12/37 © EPODOC / EPO
PN - [EP3178900](#) A1 20170614
TI - (A1 A4)
CROSSLINKED FLUID TREATMENT AND METHODS FOR **FRACTURING** UNDERGROUND FORMATIONS BASED ON FLOWBACK, PRODUCTION WATER, SEAWATER, FRESH WATER, AND MIXTURES OF SAME

13/37 © EPODOC / EPO
PN - [US2016032174](#) A1 20160204
TI - (A1)
METHODS FOR ALTERING **FLUID** RHEOLOGY
- (B2)
Methods for altering **fluid** rheology

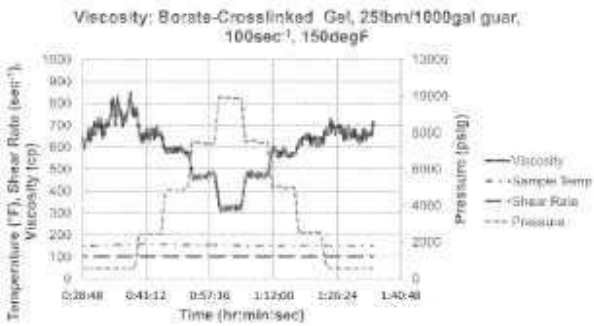


FIGURE 1

14/37 © EPODOC / EPO
PN - [WO2015183249](#) A1 20151203
TI - LOW RESIDUE, HIGH SALINITY **FRACTURING** FLUIDS

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PN - [WO2014130448](#) A1 20140828

TI - METHODS FOR ALTERING **FLUID**
RHEOLOGY

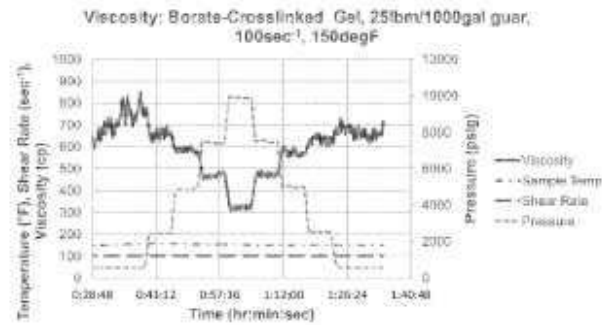


FIGURE 1

16/37 © EPODOC / EPO

PN - [US2013186630](#) A1 20130725

TI - Low residue formation **fracturing**

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PN - [CN103119124](#) A 20130522

TI - Low residue formation **fracturing**

18/37 © EPODOC / EPO

PN - [CA2810964](#) A1 20120412

TI - LOW RESIDUE FORMATION **FRACTURING**

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PN - [AU2011311626](#) A1 20130328

TI - (A1 B2)
Low residue formation **fracturing**

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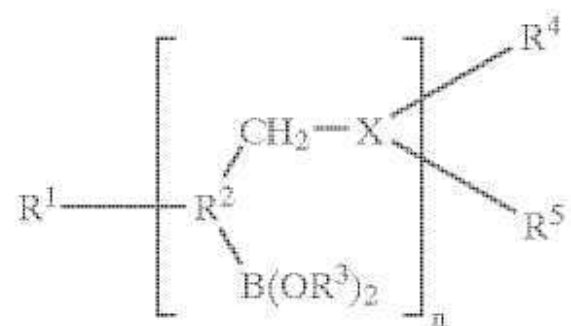
PN - [WO2012045711](#) A1 20120412

TI - LOW RESIDUE FORMATION **FRACTURING**

21/37 © EPODOC / EPO

PN - [US2008300152](#) A1 20081204

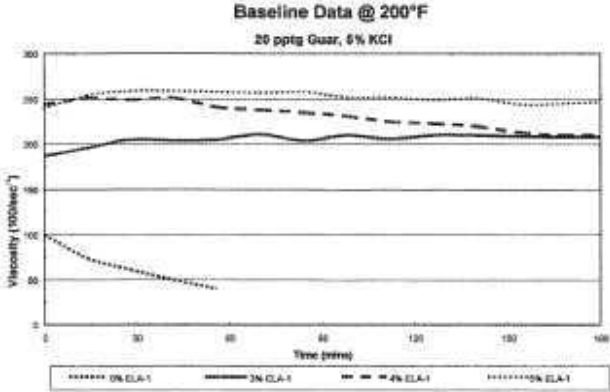
TI - (A1 B2)
Methods and Compositions for
Crosslinking Polymers with
Boronic Acids



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PN - [WO2006017623](#) A1 20060216

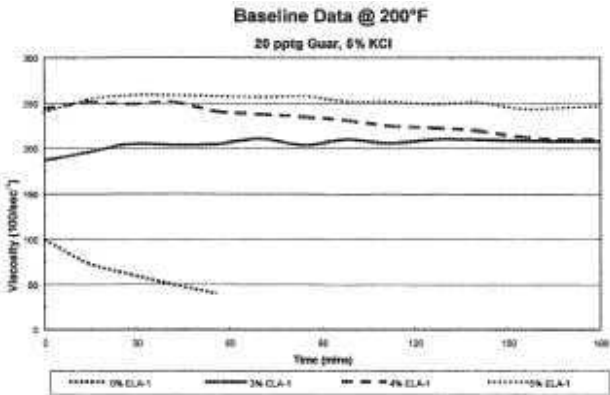
TI - STABILIZING **CROSSLINKED** POLYMER GUARS AND MODIFIED GUARDERIVATIVES



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PN - [US2006027364](#) A1 20060209

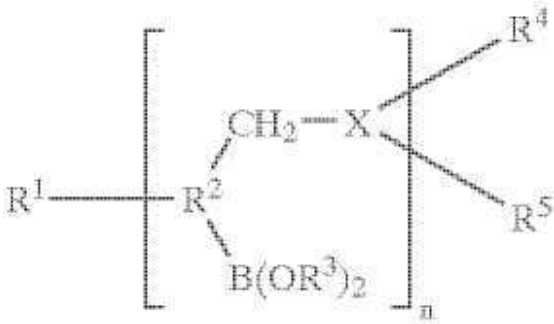
TI - (A1 B2)
Stabilizing **crosslinked** polymer guars and modified guar derivatives



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PN - [US2006003900](#) A1 20060105

TI - (A1 B2)
Methods and compositions for crosslinking polymers with boronic acids



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PN - [US2005194139](#) A1 20050908

TI - (A1 B2)
Methods and compositions for reducing the viscosity of treatment fluids

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PN - [US4553601](#) A 19851119

TI - Method for **fracturing** subterranean formations

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PN - [US2005034862](#) A1 20050217

TI - (A1 B2)
Methods for **fracturing** stimulation

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PN - [US4488975](#) A 19841218

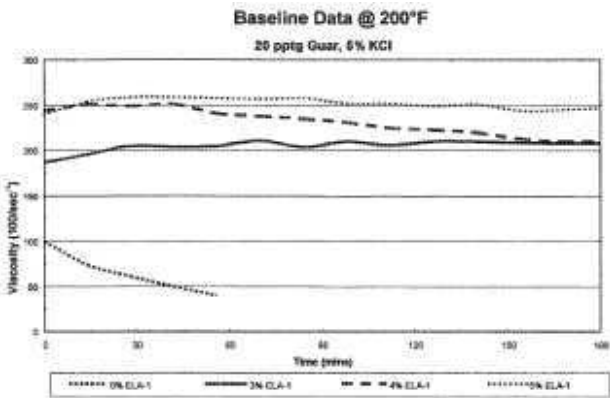
TI - High temperature stable **crosslinked** gel **fracturing fluid**

29/37 © EPODOC / EPO
PN - [WO2005085593](#) A1 20050915
TI - METHODS AND COMPOSITIONS FOR REDUCING THE VISCOSITY OF TREATMENT FLUIDS

30/37 © EPODOC / EPO
PN - [WO2005017311](#) A1 20050224
TI - METHODS FOR **FRACTURING**STIMULATION

31/37 © EPODOC / EPO
PN - [GB2431680](#) A 20070502

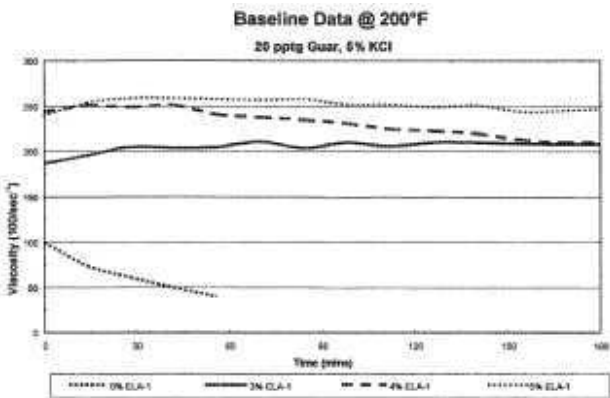
TI - (A B)
Stabilizing **crosslinked** polymer
guars and modified guar
derivatives



32/37 © EPODOC / EPO
PN - [EP0112102](#) A1 19840627
TI - (A1)
High temperature stable **crosslinked** gel **fracturing fluid**.
- (B1)
HIGHTEMPERATURESTABLE **CROSSLINKED**GEL **FRACTURING FLUID**

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PN - [CN101027376](#) A 20070829

TI - (A B)
Stabilizing **crosslinked** polymer
guars and modified guar
derivatives

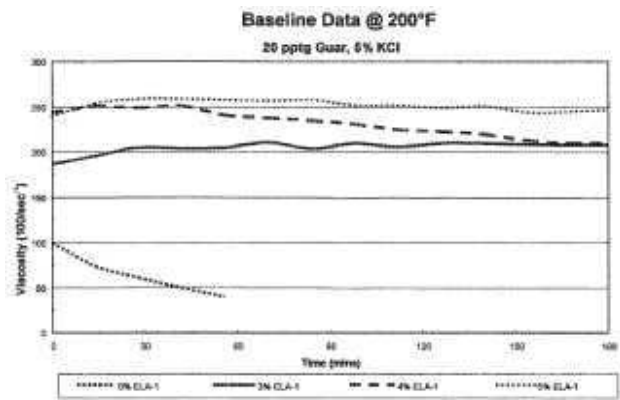


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PN - [CN85105346](#) A 19851220
TI - (A)
TITANIUM GEL WATER BASED **FRACTURING FLUID**
- (B)
TITANIUM FROST GLUE WATER-BASE CRUSHING LIQUID

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PN - [CA2576157](#) A1 20060216

TI - (A1 C)
STABILIZING **CROSSLINKED**
POLYMER GUARS AND MODIFIED
GUARDERIVATIVES



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PN - [CA1241830](#) A 19880913

TI - METHOD FOR **FRACTURING**SUBTERRANEANFORMATIONS

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PN - [CA1199785](#) A 19860128

TI - HIGHTEMPERATURESTABLE **CROSSLINKED**GEL **FRACTURING FLUID**