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Create Set in EPODOC

Combine with: AND

Browser Filter... OR

CC Invention ☒ CCA ☒ CUE ☐ CQI ☐

CC Additional ☒ CCA ☒ CLA ☐ CQA ☐

CC Linked ☒ CLC ☒ CLM ☐ CLQ ☐

CC

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Free Query (EPOQUE Language)

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Concept 3 Concept 4 Overview

Concept 1 Concept 2

Show Advanced Details

CONCEPT 1 : Concept 1

EN - (system+ or device+ or apparatus+) and (fracturing or hydraulic fracturing or hydrofracturing or hydrofracking)

DE -

FR -

CONCEPT 2 : Concept 2

EN - seismic and (probe or string)

DE -

FR -

CONCEPT 3 : Concept 3

EN - (pulse+ or wave-) and periodic

DE -

FR -

CONCEPT 4 : Concept 4

EN - (pressure+ or acoustic+) and sensor and geophone

DE -

FR -

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Normal Search

Select Databases
Search - Patents

Database	SS	Status	Results	Query	View...	Comment
SPATER	1		124618	(SYSTEM+ OR DEVICE+ OR APPARATUS+) AND (FRACTURING OR FRACKING OR H...		(Direct Search) Concept 1: Concept 1
	2		13055	SEISMIC AND (PROBE OR STRING)		(Direct Search) Concept 2: Concept 2
	3		620394	(PULSE+ OR WAVE-) AND PERIODIC		(Direct Search) Concept 3: Concept 3
	4		6079	(PRESSUR+ OR ACOUSTIC+) AND SENSOR AND GEOPHONE		(Direct Search) Concept 4: Concept 4
	5		973	(3 Facets) (1 AND 2 AND 3) OR (1 AND 2 AND 4) OR (1 AND 3 AND 4) OR (2 AND ...		3 Facets: (Direct Search)
	6		106	(4 Facets) (1 AND 2 AND 3 AND 4)		4 Facets: (Direct Search)

23 Families Selected.

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Preview

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The screenshot displays the EPODOC software interface. On the left, a text panel describes the process: "EPODOC / EPO" is selected. The text describes the recovery of oil from an oil shale formation (A2 A3) using in situ thermal recovery. It mentions that hydrocarbons (H2 and/or other fluids) may be produced from the formation, and that the formation may include a relatively impermeable portion and/or a relatively permeable portion. The text also mentions that the formation may be treated using an in situ thermal process, and that heat may be provided to the formation from a heat source (8692) in the formation. The text further states that hydrocarbons within the formation may be pyrolyzed, and that the formation may include a relatively impermeable portion (8691) and/or a relatively permeable portion (8690). The text concludes with the statement: "La présente invention concerne la possibilité de traiter une formation de schiste bitumineux au moyen d'un traitement thermique in situ. La chaleur peut être apportée à une formation depuis une source de chaleur dans la formation. Les hydrocarbures à l'intérieur de la formation peuvent être pyrolysés. Les hydrocarbures le H2 et/ou d'autres fluides de la formation peuvent être produits depuis la formation. Selon certains modes de réalisation, la formation peut inclure une partie relativement imperméable et/ou une partie relativement perméable." Below the text, there are fields for "TXT", "CCI", and "CIR".

On the right, a geological cross-section is shown. It features a central vertical wellbore (8693) and two side wells (8695 and 8696). The wellbore is surrounded by a formation (8690) and a relatively impermeable portion (8691). The formation is labeled with "EPODOC / EPO". The cross-section shows the wellbore and the formation, with arrows indicating the flow of fluids. The wellbore is labeled with "514" and "544". The formation is labeled with "540" and "8690". The relatively impermeable portion is labeled with "8691". The side wells are labeled with "8695" and "8696". The cross-section also shows a "544" label on the right side.

01	WO02086018	Q
02	WO02086029	
03	WO03035801	
04	WO02085821	
05	US7051808	
06	US2003192693	
07	US2004020642	
08	WO02086276	
09	US2003178191	
10	US2003173082	
11	US2003173085	
12	US2003173081	
13	WO2010123566	
14	US2009288820	
15	WO2012123760	
16	WO2011145985	
17	US2015103624	
18	WO2015101832	
19	WO2014147557	