

Search history

Search 1: FT=(
Search 2: (1) and PD<20131211 (Results 282)
Search 3: (2) and IC=(C09K8/00 or E21B43/00) (Results 17)
Search 4: FT=(Hydrochloric and formic and acid and (diesel or oil) and emulsi*) and IC=(C09K8/00 or E21B43/00) (Results 140)
Search 5: (4) and PA=(SCHLUMBERGER) (Results 23)
Search 6: FT=(Hydrochloric and formic and acid and (diesel or oil) and (emulsi* or gelled or foam*))and IC=(C09K8/00 or E21B43/00) and PD<20131211 (Results 139)
Search 7: (6) and FT=acidizing (Results 74)
Search 8: (6) and FT=(((oil or diesel) W4 acid) W5 (ratio or proportion)) (Results 0)
Search 9: FT=(
Search 10: (4) and FT=(benzenesulfonate) (Results 2)
Search 11: FT=((acid? or (emulsi* w2 acid?) or (acid? W2 system)) and (benzenesulfonate) and (treatment or treating or stimulation) and ((subterranean W1 formation) or reservoir or well) and fractur*) and IC=(C09K8/00 or E21B43/00) and PD<20131211 (Results 2)

- session log created:01 February 2018 20:58:13

- Update information:

PatBase Coverage at Update 2018 Week 04 (Year 2018 Week 04)

PatBase Coverage includes 100+ million documents from over 100 patent-issuing authorities and includes patent applications, granted patents, utility models and designs â€” detailed in the below coverage listings.

Major countries

Publishing body	Document type	Bibliographic publication date		Full-Text publication date	
		Earliest	Latest	Earliest	Latest
CN China	Patent Applications	19850910	20180126	19850910	20180126
	Patents	19930106	20180126	19930106	20180126
	Utility Model Applications	19850409	19921230	19850409	19921230
	Utility Models	19930106	20180126	19930106	20180126
	Designs	19850910	20180126	19850910	20150819
DE Germany	Patent Applications	19211221	20180125	19650317	20180125
	Patents	18770101	20180125	19200113	20180125

	Utility Models	19280626	20180125	19610831	20180125
	EP/WO Patents	19871217	20140410		
EP European Patent Office	Patent Applications	19781220	20180124	19781220	20180124
	Patents	19800109	20180124	19800109	20180124
FR France	Patent Applications	19690307	20180126	19810102	20171229
	Patents	18550227	20180126	19600502	20180126
	Utility Model Applications	19720107	20180126	19800104	20171229
	Utility Models	19730112	20180126	19690802	20180119
GB United Kingdom	Unpublished Patent Applications	19830209	20180117		
	Patent Applications	19790104	20180124	19790104	20180110
	Patents	17820704	20180124	19020911	19811216
JP Japan	Patent Applications	19710116	20180125	19930108	20180118
	Patents	19281026	20180110	19960529	20180110
	Utility Model Applications	19710723	20060209	19990817	20031107
	Utility Models	19640805	19960329		
	Registered Utility Models	19940726	20180111	19940726	20101216
	Designs	20141110	20180122		
KR Republic of Korea	Patent Applications	19781209	20180126	19801010	20180126
	Patents	19700820	20180126	19770628	20180126
	Utility Model Applications	19781127	20180126	19940730	20180126
	Utility Models	19780110	20180126	19970104	20180126
US United States of America	Patent Applications	20010315	20180125	20010315	20180125
	Patents	18360101	20180123	18560617	20180123
	Designs	18650912	20180123	19770719	20180123
WO World Intellectual Property Organization (WIPO)	Patent Applications	19781019	20180125	19781019	20180125
	Designs	20151023	20180126	20151023	20180126

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- **search:** SS1 FT=(
- (
- acid? or (emulsi* w2 acid?) or (acid? W2 system)
-)
- and
- (sulfobetaine* or sulphobetaine*)
- and

- (treatment or treating or stimulation)
- and
- (
- (subterranean W1 formation) or reservoir or well
-)
- and fractur*) (Results 418)
- **search:** SS2 (1) and PD<20131211 (Results 282)
- **search:** SS3 (2) and IC=(C09K8/00 or E21B43/00) (Results 17)
- List: SS3 1–50 ((2) and IC=(C09K8/00 or E21B43/00)) (Results 17)
- **search:** SS4 FT=(Hydrochloric and formic and acid and (diesel or oil) and emulsi*) and IC=(C09K8/00 or E21B43/00) (Results 140)
- **search:** SS5 (4) and PA=(SCHLUMBERGER) (Results 23)
- List: SS5 1–50 ((4) and PA=(SCHLUMBERGER)) (Results 23)
- **search:** SS6 FT=(Hydrochloric and formic and acid and (diesel or oil) and (emulsi* or gelled or foam*))and IC=(C09K8/00 or E21B43/00) and PD<20131211 (Results 139)
- List: SS6 1–50 (FT=(Hydrochloric and formic and acid and (diesel or oil) and (emulsi* or gelled or foam*))and IC=(C09K8/00 or E21B43/00) and PD<20131211) (Results 139)
- **search:** SS7 (6) and FT=acidizing (Results 74)
- List: SS7 1–50 ((6) and FT=acidizing) (Results 74)
- **search:** SS8 (6) and FT=(((oil or diesel) W4 acid) W5 (ratio or proportion)) (Results 0)
- **search:** SS9 FT=(
- (acid? or (emulsi* w2 acid?) or (acid? W2 system))
- and
- ((sulf* or sulph*) W8 Zwitter) and (treatment or treating or stimulation) and ((subterranean W1 formation) or reservoir or well) and fractur*) (Results 3)
- List: SS9 1–50 (FT=(
- (acid? or (emulsi* w2 acid?) or (acid? W2 system))
- and
- ((sulf* or sulph*) W8 Zwitter) and (treatment or treating or stimulation) and ((subterranean W1 formation) or reservoir or well) and fractur*)) (Results 3)
- **search:** SS10 (4) and FT=(benzenesulfonate) (Results 2)
- List: SS10 1–50 ((4) and FT=(benzenesulfonate)) (Results 2)
- **search:** SS11 FT=((acid? or (emulsi* w2 acid?) or (acid? W2 system)) and (benzenesulfonate) and (treatment or treating or stimulation) and ((subterranean W1 formation) or reservoir or well) and fractur*) and IC=(C09K8/00 or E21B43/00) and PD<20131211 (Results 2)
- List: SS11 1–50 (FT=((acid? or (emulsi* w2 acid?) or (acid? W2 system)) and (benzenesulfonate) and (treatment or treating or stimulation) and ((subterranean W1 formation) or reservoir or well) and fractur*) and IC=(C09K8/00 or E21B43/00) and PD<20131211) (Results 2)