

Search history

Search 1: IC=C09K8 and TAC=(fracturing) and FT=((polymer* or copolymer* or gel) and (hydratable or water) and (CARBOPOL or CARBOMER or (polyacrylate w10 hydrophobic*) or ((acrylic or polyacrylic) w4 (crosslink* or cross-link* or reticulated)) or ((acrylic or polyacrylic) and hydrophilic and anionic))) (Results 288)

Search 2: IC=C09K8/68 and TAC=(fracturing) and FT=((polymer* or copolymer* or gel) and (hydratable or water) and (CARBOPOL or CARBOMER or (polyacrylate w10 hydrophobic*) or ((acrylic or polyacrylic) w4 (crosslink* or cross-link* or reticulated)) or ((acrylic or polyacrylic) and hydrophilic and anionic))) (Results 137)

Search 3: (2) and PD<20140221 (Results 82)

Search 4: (3) and FT=(oil and formation) (Results 79)

Search 5: TAC=(fracturing) and FT=(well and formation and oil and (CARBOPOL OR CARBOMER)) (Results 36)

Search 6: (5) and PD<20140221 (Results 23)

Search 7: FT=(carbopol and aqua) and PD<20140221 (Results 2181)

Search 8: (7) and FT=(fracturing and formation) (Results 22)

Search 9: FT=(carbopol w2 aqua) and PD<20140221 (Results 549)

Search 10: (9) and FT=(fracturing and formation) (Results 11)

Search 11: FT=((guar or guaran) w1 (replace* or alternative)) and fracturing and oil and formation and polymer and synthetic) (Results 5)

Search 12: FT=((hydrophobic* W5 polyacrylate) and polymer and fracturing and formation and oil) and PD<20140221 (Results 0)

Search 13: FT=((hydrophobic* W5 polyacrylate) and polymer and fracturing and formation and oil) and PD<20140221 (Results 2)

Search 14: FT=((acrylic or polyacrylic) w4 (crosslink* or cross-link* or reticulated)) and polymer and fracturing and formation and oil) and PD<20140221 (Results 130)

Search 15: (14) and FT=((poly w3 ether*) or polyether*) (Results 38)

Search 16: FT=(fracturing and fluid and formation and proppant and polymer) and PD<20140221 (Results 1670)

Search 17: (16) and IC=C09K8/68 (Results 587)

- session log created:23 February 2018 02:05:30
- Update information:

PatBase Coverage at Update 2018 Week 07 (Year 2018 Week 07)

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	20180216	19850910	20180216
	Patents	19930106	20180216	19930106	20180216
	Utility Model Applications	19850409	19921230	19850409	19921230
	Utility Models	19930106	20180216	19930106	20180216
	Designs	19850910	20180216	19850910	20150819
DE Germany	Patent Applications	19211221	20180215	19650317	20180215
	Patents	18770101	20180215	19200113	20180215
	Utility Models	19280626	20180125	19610831	20180125
	EP/WO Patents	19871217	20140410		
EP European Patent Office	Patent Applications	19781220	20180214	19781220	20180214
	Patents	19800109	20180214	19800109	20180214
FR France	Patent Applications	19690307	20180216	19810102	20180126
	Patents	18550227	20180216	19600502	20180216
	Utility Model Applications	19720107	20180216	19800104	20180126
	Utility Models	19730112	20180216	19690802	20180216
GB United Kingdom	Unpublished Patent Applications	19830209	20180131		
	Patent Applications	19790104	20180214	19790104	20180131
	Patents	17820704	20180214	19020911	19811216
JP Japan	Patent Applications	19710116	20180215	19930108	20180208
	Patents	19281026	20180131	19960529	20180131
	Utility Model Applications	19710723	20060209	19990817	20031107
	Utility Models	19640805	19960329		
	Registered Utility Models	19940726	20180201	19940726	20101216
	Designs	20141110	20180213		
KR Republic of Korea	Patent Applications	19781209	20180214	19801010	20180214
	Patents	19700820	20180214	19770628	20180214
	Utility Model Applications	19781127	20180214	19940730	20180214
	Utility Models	19780110	20180214	19970104	20180214
US United States of America	Patent Applications	20010315	20180215	20010315	20180215
	Patents	18360101	20180213	18560617	20180213
	Designs	18650912	20180213	19770719	20180213

WO World Intellectual Property Organization (WIPO)	Patent Applications	19781019	20180215	19781019	20180215
	Designs	20151023	20180216	20151023	20180216

20180217 21:00

- Login to Patbase:23 February 2018 02:05:30
- **search:** SS1 IC=C09K8 and TAC=(fracturing) and FT=((polymer* or copolymer* or gel) and (hydratable or water) and (CARBOPOL or CARBOMER or (polyacrylate w10 hydrophobic*) or ((acrylic or polyacrylic) w4 (crosslink* or cross-link* or reticulated)) or ((acrylic or polyacrylic) and hydrophilic and anionic))) (Results 288)
- List: SS1 1–50 (IC=C09K8 and TAC=(fracturing) and FT=((polymer* or copolymer* or gel) and (hydratable or water) and (CARBOPOL or CARBOMER or (polyacrylate w10 hydrophobic*) or ((acrylic or polyacrylic) w4 (crosslink* or cross-link* or reticulated)) or ((acrylic or polyacrylic) and hydrophilic and anionic))) (Results 288)
- **search:** SS2 IC=C09K8/68 and TAC=(fracturing) and FT=((polymer* or copolymer* or gel) and (hydratable or water) and (CARBOPOL or CARBOMER or (polyacrylate w10 hydrophobic*) or ((acrylic or polyacrylic) w4 (crosslink* or cross-link* or reticulated)) or ((acrylic or polyacrylic) and hydrophilic and anionic))) (Results 137)
- List: SS2 1–50 (IC=C09K8/68 and TAC=(fracturing) and FT=((polymer* or copolymer* or gel) and (hydratable or water) and (CARBOPOL or CARBOMER or (polyacrylate w10 hydrophobic*) or ((acrylic or polyacrylic) w4 (crosslink* or cross-link* or reticulated)) or ((acrylic or polyacrylic) and hydrophilic and anionic))) (Results 137)
- **search:** SS3 (2) and PD<20140221 (Results 82)
- List: SS3 1–50 ((2) and PD<20140221) (Results 82)
- **search:** SS4 (3) and FT=(oil and formation) (Results 79)
- List: SS4 1–50 ((3) and FT=(oil and formation)) (Results 79)
- **search:** SS5 TAC=(fracturing) and FT=(well and formation and oil and (CARBOPOL OR CARBOMER)) (Results 36)
- List: SS5 1–50 (TAC=(fracturing) and FT=(well and formation and oil and (CARBOPOL OR CARBOMER))) (Results 36)
- **search:** SS6 (5) and PD<20140221 (Results 23)
- List: SS6 1–50 ((5) and PD<20140221) (Results 23)
- **search:** SS7 FT=(carbopol and aqua) and PD<20140221 (Results 2181)
- **search:** SS8 (7) and FT=(fracturing and formation) (Results 22)
- List: SS8 1–50 ((7) and FT=(fracturing and formation)) (Results 22)
- **search:** SS9 FT=(carbopol w2 aqua) and PD<20140221 (Results 549)
- **search:** SS10 (9) and FT=(fracturing and formation) (Results 11)
- List: SS10 1–50 ((9) and FT=(fracturing and formation)) (Results 11)
- **search:** SS11 FT=((((guar or guaran) w1 (replace* or alternative)) and fracturing and oil and formation and polymer and synthetic) (Results 5)
- List: SS11 1–50 (FT=((((guar or guaran) w1 (replace* or alternative)) and fracturing and oil and formation and polymer and synthetic)) (Results 5)
- **search:** SS12 FT=((hydrophobic* W5 polyacrylate) and polymer and fracturing and formation and oil) and PD<20140221 (Results 0)
- **search:** SS13 FT=((hydrophobic* W5 polyacrylate) and polymer and fracturing and formation and oil) and PD<20140221 (Results 2)
- List: SS13 1–50 (FT=((hydrophobic* W5 polyacrylate) and polymer and fracturing and formation and oil) and PD<20140221) (Results 2)
- **search:** SS14 FT=((((acrylic or polyacrylic) w4 (crosslink* or cross-link* or reticulated)) and polymer and fracturing and formation and oil) and PD<20140221 (Results 130)
- **search:** SS15 (14) and FT=((poly w3 ether*) or polyether*) (Results 38)

- List: SS15 1–50 ((14) and FT=((poly w3 ether*) or polyether*)) (Results 38)
- **search:** SS16 FT=(fracturing and fluid and formation and proppant and polymer) and PD<20140221 (Results 1670)
- **search:** SS17 (16) and IC=C09K8/68 (Results 587)
- List: SS17 1–50 ((16) and IC=C09K8/68) (Results 587)