

Search history

Search 1: PN=(WO2013/142356) (Results 1)

Search 1: FT=(

Search 2: FT=((hydrocarbon or oil) and composite w3 (medium or media or material) and (liquid or stream) and ((cellulose or wood or walnut or shell) w20 polymer) and (((wash* or soak*)) w5 (bed or media or medium))) (Results 97)

Search 3: FT=((vessel or tank or coalescer) and ((cellulose or wood or walnut or shell) W20 polymer*) and ((composite* or filter* or filtra*) w1 media) and (oil or hydrocarbon) and (water or aqueous) and (liquid or stream)) (Results 711)

Search 4: FT=(

Search 5: (4) AND ic=(B01D OR C02F) (Results 5594)

Search 6: (5) AND FT=(COALESCER AND FILTER) (Results 149)

Search 7: (6) AND PD<20140616 (Results 127)

Search 8: Ft=(COMPOSITE AND (MEDIA OR BED) AND (CELLULOSE W10 POLYMER) AND ((SPECIFIC W1 GRAVITY) OR DENSITY) AND OIL AND (WATER OR AQUEOUS)) (Results 2314)

Search 9: (8) AND IC=(B01D OR C02F) AND PD<20140616 (Results 183)

- session log created:15 March 2018 19:42:13

- Update information:

PatBase Coverage at Update 2018 Week 10 (Year 2018 Week 10)

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	20180309	19850910	20180309
	Patents	19930106	20180309	19930106	20180309
	Utility Model Applications	19850409	19921230	19850409	19921230
	Utility Models	19930106	20180309	19930106	20180309
	Designs	19850910	20180309	19850910	20150819
DE Germany	Patent Applications	19211221	20180308	19650317	20180308
	Patents	18770101	20180308	19200113	20180308
	Utility Models	19280626	20180308	19610831	20180308
		19871217	20140410		

	EP/WO Patents				
EP European Patent Office	Patent Applications	19781220	20180307	19781220	20180307
	Patents	19800109	20180307	19800109	20180307
FR France	Patent Applications	19690307	20180309	19810102	20180223
	Patents	18550227	20180309	19600502	20180309
	Utility Model Applications	19720107	20180309	19800104	20180223
	Utility Models	19730112	20180309	19690802	20180309
GB United Kingdom	Unpublished Patent Applications	19830209	20180221		
	Patent Applications	19790104	20180307	19790104	20180221
	Patents	17820704	20180307	19020911	19811216
JP Japan	Patent Applications	19710116	20180308	19930108	20180301
	Patents	19281026	20180221	19960529	20180221
	Utility Model Applications	19710723	20060209	19990817	20031107
	Utility Models	19640805	19960329		
	Registered Utility Models	19940726	20180222	19940726	20101216
	Designs	20141110	20180305		
KR Republic of Korea	Patent Applications	19781209	20180309	19780430	20180309
	Patents	19700820	20180309	19770628	20180309
	Utility Model Applications	19781127	20180309	19940730	20180309
	Utility Models	19780110	20180309	19970104	20180309
US United States of America	Patent Applications	20010315	20180308	20010315	20180308
	Patents	18360101	20180306	18560617	20180306
	Designs	18650912	20180306	19770719	20180306
WO World Intellectual Property Organization (WIPO)	Patent Applications	19781019	20180308	19781019	20180308
	Designs	20151023	20180309	20151023	20180309

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- Login to Patbase:15 March 2018 19:42:13
- **search:** SS1 PN=(WO2013/142356) (Results 1)
- List: SS1 1–50 (PN=(WO2013/142356)) (Results 1)
- Login to Patbase:16 March 2018 01:33:21
- search history cleared
- **search:** SS1 FT=(
- (hydrocarbon or oil) and
- composite w3 (medium or media or material) and
- (liquid or stream) and

- ((cellulose or wood or walnut or shell) w20 polymer) and
- ((pre w1 (wash* or soak*)) w5 (bed or media or medium))
-) (Results 0)
- **search:** SS2 FT=((hydrocarbon or oil) and composite w3 (medium or media or material) and (liquid or stream) and ((cellulose or wood or walnut or shell) w20 polymer) and (((wash* or soak*)) w5 (bed or media or medium))) (Results 97)
- List: SS2 1–50 (FT=((hydrocarbon or oil) and composite w3 (medium or media or material) and (liquid or stream) and ((cellulose or wood or walnut or shell) w20 polymer) and (((wash* or soak*)) w5 (bed or media or medium)))) (Results 97)
- List: SS2 1–50 (FT=((hydrocarbon or oil) and composite w3 (medium or media or material) and (liquid or stream) and ((cellulose or wood or walnut or shell) w20 polymer) and (((wash* or soak*)) w5 (bed or media or medium)))) (Results 97)
- **search:** SS3 FT=((vessel or tank or coalescer) and ((cellulose or wood or walnut or shell) W20 polymer*) and ((composite* or filter* or filtra*) w1 media) and (oil or hydrocarbon) and (water or aqueous) and (liquid or stream)) (Results 711)
- **search:** SS4 FT=(
- (TREAT* OR SEPARAT*) AND
- (OIL OR HYDROCARBON) W10 (WATER OR AQUEOUS) AND
- (WASHING OR SOAKING) AND
- (FILTER OR MEDIA OR BED)
-) (Results 70704)
- **search:** SS5 (4) AND ic=(B01D OR C02F) (Results 5594)
- **search:** SS6 (5) AND FT=(COALESCER AND FILTER) (Results 149)
- List: SS6 1–50 ((5) AND FT=(COALESCER AND FILTER)) (Results 149)
- **search:** SS7 (6) AND PD<20140616 (Results 127)
- List: SS7 1–50 ((6) AND PD<20140616) (Results 127)
- **search:** SS8 Ft=(COMPOSITE AND (MEDIA OR BED) AND (CELLULOSE W10 POLYMER) AND ((SPECIFIC W1 GRAVITY) OR DENSITY) AND OIL AND (WATER OR AQUEOUS)) (Results 2314)
- **search:** SS9 (8) AND IC=(B01D OR C02F) AND PD<20140616 (Results 183)
- List: SS9 1–50 ((8) AND IC=(B01D OR C02F) AND PD<20140616) (Results 183)