

Search history

Search 1: ft=(
Search 2: (1) and ft=(vessel or tank or filter or coalescer) (Results 3126)
Search 3: (2) and ft=(water or aqueous) (Results 3109)
Search 4: (3) and ft=((soak or bed or particle) w3 (soak or wash* or pretreat*)) (Results 301)
Search 5: (4) and ft=(pellet? or particle?) (Results 285)
Search 6: (5) and ft=(backwash*) (Results 3)
Search 7: (5) AND FT=((PACK* OR FLUID*) W3 BED) (Results 58)

- session log created:31 July 2018 03:05:39

- Update information:

PatBase Coverage at Update 2018 Week 30 (Year 2018 Week 30)

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	20180727	19850910	20180727
	Patents	19930106	20180727	19930106	20180727
	Utility Model Applications	19850409	19921230	19850409	19921230
	Utility Models	19930106	20180727	19930106	20180727
	Designs	19850910	20180727	19850910	20150819
DE Germany	Patent Applications	19211221	20180726	19650317	20180726
	Patents	18770101	20180726	19200113	20180726
	Utility Models	19280626	20180726	19610831	20180726
	EP/WO Patents	19871217	20140410		
EP European Patent Office	Patent Applications	19781220	20180725	19781220	20180725
	Patents	19800109	20180725	19800109	20180725
FR France	Patent Applications	19690307	20180727	19810102	20180706
	Patents	18550227	20180727	19600502	20180727
	Utility Model Applications	19720107	20180727	19800104	20180706
	Utility Models	19730112	20180727	19690802	20180727
GB United Kingdom	Unpublished Patent	19830209	20180711		

	Applications				
	Patent Applications	19790104	20180725	19790104	20180711
	Patents	17820704	20180725	19020911	19811216
JP Japan	Patent Applications	19710116	20180726	19930108	20180719
	Patents	19281026	20180711	19960529	20180711
	Utility Model Applications	19710723	20060209	19990817	20031107
	Utility Models	19640805	19960329		
	Registered Utility Models	19940726	20180712	19940726	20101216
	Designs	20141110	20180723		
KR Republic of Korea	Patent Applications	19781209	20180727	19800531	20180727
	Patents	19700820	20180727	19770628	20180727
	Utility Model Applications	19781127	20180727	19940730	20180727
	Utility Models	19780110	20180727	19970104	20180727
US United States of America	Patent Applications	20010315	20180726	20010315	20180726
	Patents	18360101	20180724	18560617	20180724
	Designs	18650912	20180724	19770719	20180724
WO World Intellectual Property Organization (WIPO)	Patent Applications	19781019	20180726	19781019	20180726
	Designs	20151023	20180727	20151023	20180727

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- **search:** SS1 ft=(
- (hydrocarbon or oil) and (composite w3 (medium or media or material or particle?)) and (wash* or soak*) and cellulose and (bed or media or medium)) (Results 4469)
- **search:** SS2 (1) and ft=(vessel or tank or filter or coalescer) (Results 3126)
- **search:** SS3 (2) and ft=(water or aqueous) (Results 3109)
- **search:** SS4 (3) and ft=((soak or bed or particle) w3 (soak or wash* or pretreat*)) (Results 301)
- List: SS4 1–50 ((3) and ft=((soak or bed or particle) w3 (soak or wash* or pretreat*))) (Results 301)
- **search:** SS5 (4) and ft=(pellet? or particle?) (Results 285)
- **search:** SS6 (5) and ft=(backwash*) (Results 3)
- List: SS6 1–50 ((5) and ft=(backwash*)) (Results 3)
- List: SS5 1–50 ((4) and ft=(pellet? or particle?)) (Results 285)
- **search:** SS7 (5) AND FT=((PACK* OR FLUID*) W3 BED) (Results 58)
- List: SS7 1–50 ((5) AND FT=((PACK* OR FLUID*) W3 BED)) (Results 58)