

Search history

- Search 1: 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 708)
- Search 2: (1) and IC=(B01D or C02F) and PD<20140123 (Results 268)
- Search 3: FT=((vessel or tank or coalescer) and (oil or hydrocarbon) and (water or aqueous) and stream and (two w3 ((packed bed*) or bed* or cartridge* or zone*)))
- Search 4: (3) and IC=(B01D or C02F) and PD<20140123 (Results 1577)
- Search 5: TAC=(oil or water and (filtration or treatment or coales* or separation)) and FT=((vessel or tank or coalescer) and (oil or hydrocarbon) and (water or aqueous) and stream and (two w3 ((packed bed*) or bed* or cartridge* or zone*))) and IC=(B01D or C02F) and PD<20140123 (Results 708)
- Search 6: TAC=((water w1 treatment) or (hydrocarbon separation)) and FT=((vessel or tank) and stream) and IC=(B01D or C02F) and PD<20140123 (Results 2224)
- Search 7: (6) and FT=(filtration and packed) (Results 179)
- Search 8: TAC=(media and (composite or filter* or filtra*)) and FT=((cellulose W20 polymer*) and (pellets or spheres or granulated)) (Results 602)
- Search 9: (8) and IC=(B01D or C02F) and PD<20140123 (Results 158)

- session log created:10 February 2018 01:06:25

- Update information:

PatBase Coverage at Update 2018 Week 05 (Year 2018 Week 05)

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	20180202	19850910	20180202
	Patents	19930106	20180202	19930106	20180202
	Utility Model Applications	19850409	19921230	19850409	19921230
	Utility Models	19930106	20180202	19930106	20180202
	Designs	19850910	20180202	19850910	20150819
DE Germany	Patent Applications	19211221	20180201	19650317	20180125
	Patents	18770101	20180201	19200113	20180125
	Utility Models	19280626	20180125	19610831	20180125
	EP/WO Patents	19871217	20140410		
		19781220	20180131	19781220	20180131

EP European Patent Office	Patent Applications				
	Patents	19800109	20180131	19800109	20180131
FR France	Patent Applications	19690307	20180202	19810102	20180112
	Patents	18550227	20180202	19600502	20180202
	Utility Model Applications	19720107	20180202	19800104	20180112
	Utility Models	19730112	20180202	19690802	20180126
GB United Kingdom	Unpublished Patent Applications	19830209	20180117		
	Patent Applications	19790104	20180131	19790104	20180117
	Patents	17820704	20180131	19020911	19811216
JP Japan	Patent Applications	19710116	20180201	19930108	20180125
	Patents	19281026	20180117	19960529	20180117
	Utility Model Applications	19710723	20060209	19990817	20031107
	Utility Models	19640805	19960329		
	Registered Utility Models	19940726	20180118	19940726	20101216
	Designs	20141110	20180129		
KR Republic of Korea	Patent Applications	19781209	20180202	19801010	20180202
	Patents	19700820	20180202	19770628	20180202
	Utility Model Applications	19781127	20180202	19940730	20180202
	Utility Models	19780110	20180202	19970104	20180202
US United States of America	Patent Applications	20010315	20180201	20010315	20180201
	Patents	18360101	20180130	18560617	20180130
	Designs	18650912	20180130	19770719	20180130
WO World Intellectual Property Organization (WIPO)	Patent Applications	19781019	20180201	19781019	20180201
	Designs	20151023	20180202	20151023	20180202

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- **search:** SS1 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 708)
- **search:** SS2 (1) and IC=(B01D or C02F) and PD<20140123 (Results 268)
- List: SS2 1–50 ((1) and IC=(B01D or C02F) and PD<20140123) (Results 268)
- List: SS2 1–50 ((1) and IC=(B01D or C02F) and PD<20140123) (Results 268)
- **search:** SS3 FT=((vessel or tank or coalescer) and (oil or hydrocarbon) and (water or aqueous) and stream and (two w3 ((packed bed*) or bed* or cartridge* or zone*)))
-) (Results 6992)
- **search:** SS4 (3) and IC=(B01D or C02F) and PD<20140123 (Results 1577)
- List: SS4 1–50 ((3) and IC=(B01D or C02F) and PD<20140123) (Results 1577)

- **search:** SS5 TAC=(oil or water and (filtration or treatment or coales* or separation)) and FT=((vessel or tank or coalescer) and (oil or hydrocarbon) and (water or aqueous) and stream and (two w3 ((packed bed*) or bed* or cartridge* or zone*))) and IC=(B01D or C02F) and PD<20140123 (Results 708)
- List: SS5 1–50 (TAC=(oil or water and (filtration or treatment or coales* or separation)) and FT=((vessel or tank or coalescer) and (oil or hydrocarbon) and (water or aqueous) and stream and (two w3 ((packed bed*) or bed* or cartridge* or zone*))) and IC=(B01D or C02F) and PD<20140123) (Results 708)
- **search:** SS6 TAC=((water w1 treatment) or (hydrocarbon separation)) and FT=((vessel or tank) and stream) and IC=(B01D or C02F) and PD<20140123 (Results 2224)
- List: SS6 1–50 (TAC=((water w1 treatment) or (hydrocarbon separation)) and FT=((vessel or tank) and stream) and IC=(B01D or C02F) and PD<20140123) (Results 2224)
- **search:** SS7 (6) and FT=(filtration and packed) (Results 179)
- List: SS7 1–50 ((6) and FT=(filtration and packed)) (Results 179)
- **search:** SS8 TAC=(media and (composite or filter* or filtra*)) and FT=((cellulose W20 polymer*) and (pellets or spheres or granulated)) (Results 602)
- **search:** SS9 (8) and IC=(B01D or C02F) and PD<20140123 (Results 158)
- List: SS9 1–50 ((8) and IC=(B01D or C02F) and PD<20140123) (Results 158)