

Search history

Search 1: TAC=(hydrocarbon* and enzym*) and FT=(disintegrat* w5 (hydrocarbon or charcoal or coal) and (((thermal or chemical) w1 treat*) or oxidation) and solubi* and slurry and ((admix* or mix* or add*) w4 (enzyme*)) and ((manganese or Mn) w2 peroxidase) and (separat* w5 (hydrocarbons* or liquid*)) and ((enrich* or enhanc*) w5 (hydrocarbons* or liquid*))) (Results 1)

Search 2: FT=(disintegrat* w5 (hydrocarbon or charcoal or coal) and (((thermal or chemical) w1 treat*) or oxidation) and solubi* and slurry and ((admix* or mix* or add*) w4 (enzyme*)) and ((manganese or Mn) w2 peroxidase) and (separat* w5 (hydrocarbons* or liquid*)) and ((enrich* or enhanc*) w5 (hydrocarbons* or liquid*))) (Results 1)

Search 3: TAC=(hydrocarbon and enzym*) and FT=((manganese or Mn) w2 peroxidase) and PD<20131218 (Results 18)

Search 4: TAC=(hydrocarbon and enzym*) and FT=(enzyme* and (disintegrat* w5 (hydrocarbon or charcoal or coal))) and PD<20131218 (Results 1)

Search 5: FT=(enzyme* and ((disintegrat* or depolymer* or decompos*) w5 (hydrocarbon or charcoal or coal))) and PD<20131218 (Results 170)

Search 6: (5) and IC=(C10G or C10L or C12P) (Results 70)

Search 7: FT=(enzyme* and (coal or charcoal) and (hydrocarbon* or fuel or diesel or gasoline or kerosene) and ((manganese or Mn) W2 peroxidase)) and PD<20131218 (Results 42)

Search 8: FT=(enzyme* and (coal or charcoal) and (hydrocarbon* or fuel or diesel or gasoline or kerosene)) and PD<20131218 (Results 14323)

Search 9: (8) AND ft=((pulveriz* or atomiz* or grind*) w8 (hydrocarbon or charcoal or coal)) AND pd<20131218 (Results 190)

Search 10: (9) and IC=(C10G or C10L or C12P) (Results 65)

Search 11: (8) AND ft=((pressure w3 steam) and (treatment or atomiz*)) AND ic=(C10G or C10L or C12P) (Results 97)

Search 12: (8) AND ft((((thermal or chemical) w1 treat*) or oxidation) AND ic=(C10G or C10L or C12P) (Results 1298)

Search 13: (12) AND ft=(PEROXIDASE) (Results 404)

Search 14: (8) AND ft((((thermal or chemical) w1 treat*) or oxidation) AND ic=(C10G1/00 or C10L1/32 or C12P5/00) (Results 156)

- session log created:19 February 2018 18:35:27

- 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

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- **search:** SS1 TAC=(hydrocarbon* and enzym*) and FT=(disintegrat* w5 (hydrocarbon or charcoal or coal) and (((thermal or chemical) w1 treat*) or oxidation) and solubi* and slurry and ((admix* or mix* or add*) w4 (enzyme*)) and ((manganese or Mn) w2 peroxidase) and (separat* w5 (hydrocarbons* or liquid*)) and ((enrich* or enhanc*) w5 (hydrocarbons* or liquid*))) (Results 1)
- List: SS1 1–25 (TAC=(hydrocarbon* and enzym*) and FT=(disintegrat* w5 (hydrocarbon or charcoal or coal) and (((thermal or chemical) w1 treat*) or oxidation) and solubi* and slurry and ((admix* or mix* or add*) w4 (enzyme*)) and ((manganese or Mn) w2 peroxidase) and (separat* w5 (hydrocarbons* or liquid*)) and ((enrich* or enhanc*) w5 (hydrocarbons* or liquid*))) (Results 1)
- **search:** SS2 FT=(disintegrat* w5 (hydrocarbon or charcoal or coal) and (((thermal or chemical) w1 treat*) or oxidation) and solubi* and slurry and ((admix* or mix* or add*) w4 (enzyme*)) and ((manganese or Mn) w2 peroxidase) and (separat* w5 (hydrocarbons* or liquid*)) and ((enrich* or enhanc*) w5 (hydrocarbons* or liquid*))) (Results 1)
- **search:** SS3 TAC=(hydrocarbon and enzym*) and FT=((manganese or Mn) w2 peroxidase) and PD<20131218 (Results 18)
- List: SS1 1–25 (TAC=(hydrocarbon* and enzym*) and FT=(disintegrat* w5 (hydrocarbon or charcoal or coal) and (((thermal or chemical) w1 treat*) or oxidation) and solubi* and slurry and ((admix* or mix* or add*) w4 (enzyme*)) and ((manganese or Mn) w2 peroxidase) and (separat* w5 (hydrocarbons* or liquid*)) and ((enrich* or enhanc*) w5 (hydrocarbons* or liquid*))) (Results 1)
- List: SS3 1–25 (TAC=(hydrocarbon and enzym*) and FT=((manganese or Mn) w2 peroxidase) and PD<20131218) (Results 18)
- **search:** SS4 TAC=(hydrocarbon and enzym*) and FT=(enzyme* and (disintegrat* w5 (hydrocarbon or charcoal or coal))) and PD<20131218 (Results 1)
- List: SS4 1–25 (TAC=(hydrocarbon and enzym*) and FT=(enzyme* and (disintegrat* w5 (hydrocarbon or charcoal or coal))) and PD<20131218) (Results 1)
- List: SS4 1–25 (TAC=(hydrocarbon and enzym*) and FT=(enzyme* and (disintegrat* w5 (hydrocarbon or charcoal or coal))) and PD<20131218) (Results 1)
- **search:** SS5 FT=(enzym* and ((disintegrat* or depolymer* or decompos*) w5 (hydrocarbon or charcoal or coal))) and PD<20131218 (Results 170)
- **search:** SS6 (5) and IC=(C10G or C10L or C12P) (Results 70)
- List: SS6 1–25 ((5) and IC=(C10G or C10L or C12P)) (Results 70)
- **search:** SS7 FT=(enzym* and (coal or charcoal) and (hydrocarbon* or fuel or diesel or gasoline or kerosene) and ((manganese or Mn) W2 peroxidase)) and PD<20131218 (Results 42)
- List: SS7 1–25 (FT=(enzym* and (coal or charcoal) and (hydrocarbon* or fuel or diesel or gasoline or kerosene) and ((manganese or Mn) W2 peroxidase)) and PD<20131218) (Results 42)
- **search:** SS8 FT=(enzym* and (coal or charcoal) and (hydrocarbon* or fuel or diesel or gasoline or kerosene)) and PD<20131218 (Results 14323)
- **search:** SS9 (8) AND ft=((pulveriz* or atomiz* or grind*) w8 (hydrocarbon or charcoal or coal)) AND pd<20131218 (Results 190)
- **search:** SS10 (9) and IC=(C10G or C10L or C12P) (Results 65)
- List: SS10 1–25 ((9) and IC=(C10G or C10L or C12P)) (Results 65)
- **search:** SS11 (8) AND ft=((pressure w3 steam) and (treatment or atomiz*)) AND ic=(C10G or C10L or C12P) (Results 97)
- List: SS11 1–25 ((8) AND ft=((pressure w3 steam) and (treatment or atomiz*)) AND ic=(C10G or C10L or C12P)) (Results 97)
- **search:** SS12 (8) AND ft=((thermal or chemical) w1 treat*) or oxidation) AND ic=(C10G or C10L or C12P) (Results 1298)
- **search:** SS13 (12) AND ft=(PEROXIDASE) (Results 404)

- List: SS13 1–25 ((12) AND ft=(PEROXIDASE)) (Results 404)
- **search:** SS14 (8) AND ft=(((thermal or chemical) w1 treat*) or oxidation) AND ic=(C10G1/00 or C10L1/32 or C12P5/00) (Results 156)
- List: SS14 1–25 ((8) AND ft=(((thermal or chemical) w1 treat*) or oxidation) AND ic=(C10G1/00 or C10L1/32 or C12P5/00)) (Results 156)