

Search history

Search 1: PN=(co2008078520) (Results 0)

Search 2: PN=(co2008078520) (Results 0)

Search 3: PN=(CO2008078520) (Results 0)

Search 1: ft=((fluid or water) w1 displac*) and (toilet or tank) and (absorb* w3 polymer)) (Results 21)

Search 2: ft=(

Search 3: IC=E03D AND FT=((absorb* w3 polymer) AND (TOILET W3 TANK)) (Results 2)

Search 4: IC=E03D AND FT=((TOILET OR TANK) AND ((fluid or water) w1 displac*)) (Results 273)

Search 5: (4) AND FT=(POLYACRYLAMID* OR ((SODIUM OR POTASSIUM) W3 POLYACRYL*)) (Results 2)

Search 6: FT=((POLYACRYLAMID* OR ((SODIUM OR POTASSIUM) W3 POLYACRYL*)) AND ((BIOCIDE or fragrance or freshener or ester? or terpene? or limonene) w9 (cover* or coat* or submer*))) (Results 1138)

Search 7: (6) and ft=((absorb* w5 polymer)) (Results 69)

Search 8: [SP]: 1. a fluid displacement device to displace a volume of fluid within a fluid tank, the device comprising retaining means to retain the device within the tank. 2. the fluid displacement device as claimed in claim 1, in which the retaining means is operable to retain the fluid displacement device within an upper portion of the fluid tank. 3. the fluid displacement device as claimed in claim 1, which is adapted to displace between 0.1 and 3 litres of fluid from a tank. 4. the fluid displacement device as claimed in claim 1, which comprises a flexible container. 5. the fluid displacement device as claimed in claim 1, in which the fluid displacement device comprises a fluid-swellable material. 6. the fluid displacement device as claimed in claim 5, in which the fluid-swellable material is a super-absorbing polymer. 7. the fluid displacement device as claimed in claim 5, in which the polymer is a potassium cross-linked polyacrylamide. 8. the fluid displacement device as claimed in claim 1, in which the fluid displacement device comprises an attachment means to allow attachment to the retaining means, wherein the attachment means comprise a cavity within an edge of the fluid displacement device. 9. the fluid displacement device as claimed in claim 1, in which the retaining means is adapted to prevent the fluid displacement device from resting on the bottom of the fluid tank. 10. the fluid displacement device as claimed in claim 1, in which the fluid tank is a toilet cistern. 11. the fluid displacement device as claimed in claim 1, in which the flexible container is perforated to allow a flow of fluid therethrough. 12. the fluid displacement device as claimed in claim 1, in which the fluid displacement device comprises weighting means. 13. a retaining means for retaining a fluid displacement device within a fluid tank. 14. a method of displacing fluid in a fluid tank, the method comprising the steps of retaining a fluid displacement device within the fluid tank using a retaining means. 15. the method of displacing fluid in a fluid tank as claimed in claim 14, the method comprising the step of retaining the fluid displacement device within an upper portion of the fluid tank using the retaining means. 16. the method of displacing fluid in a fluid tank as claimed in claim 14 or claim 15, wherein the method further comprises the step of engaging an attachment means of the fluid displacement device with the retaining means. 17. a kit for displacing fluid in a fluid tank comprising a fluid displacement device and a retaining means for retaining the fluid displacement device within a fluid tank. 18. the method of displacing fluid in a fluid tank as claimed in claim 14, wherein the method further comprises the step of engaging a rim of the fluid tank with the retaining means. (Results 5)

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- Update information:

PatBase Coverage at Update 2018 Week 46 (Year 2018 Week 46)

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	20181116	19850910	20181116
	Patents	19930106	20181116	19930106	20181116
	Utility Model Applications	19850409	19921230	19850409	19921230
	Utility Models	19930106	20181116	19930106	20181116
	Designs	19850910	20181116	19850910	20150819
DE Germany	Patent Applications	19211221	20181115	19650317	20181115
	Patents	18770101	20181115	19200113	20181115
	Utility Models	19280626	20181115	19610831	20181115
	EP/WO Patents	19871217	20140410		
EP European Patent Office	Patent Applications	19781220	20181114	19781220	20181114
	Patents	19800109	20181114	19800109	20181114
FR France	Patent Applications	19690307	20181116	19810102	20181026
	Patents	18550227	20181116	19600502	20181109
	Utility Model Applications	19720107	20181116	19800104	20181026
	Utility Models	19730112	20181116	19690802	20181109
GB United Kingdom	Unpublished Patent Applications	19830209	20181031		
	Patent Applications	19790104	20181114	19790104	20181031
	Patents	17820704	20181114	19020911	19811216
JP Japan	Patent Applications	19710116	20181115	19930108	20181108
	Patents	19281026	20181031	19960529	20181031
	Utility Model Applications	19710723	20060209	19990817	20031107
	Utility Models	19640805	19960329		
	Registered Utility Models	19940726	20181101	19940726	20101216
	Designs	20141110	20181112		
KR Republic of Korea	Patent Applications	19781209	20181116	19800531	20181116
	Patents	19700820	20181116	19770628	20181116
	Utility Model Applications	19781127	20181116	19940730	20181116
	Utility Models	19780110	20181116	19970104	20181116
US United States of America	Patent Applications	20010315	20181115	20010315	20181115
	Patents	18360101	20181113	18560617	20181113
	Designs	18650912	20181113	19770719	20181113

WO World Intellectual Property Organization (WIPO)	Patent Applications	19781019	20181115	19781019	20181115
	Designs	20151023	20181116	20151023	20181116

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- Login to Patbase:22 November 2018 20:23:05
- **search:** SS1 PN=(co2008078520) (Results 0)
- **search:** SS2 PN=(co2008078520) (Results 0)
- **search:** SS3 PN=(CO2008078520) (Results 0)
- Logoff from Patbase:22 November 2018 20:24:53
- Login to Patbase:22 November 2018 20:32:07
- search history cleared
- **search:** SS1 ft=((fluid or water) w1 displac*) and (toilet or tank) and (absorb* w3 polymer)) (Results 21)
- List: SS1 1–50 (ft=((fluid or water) w1 displac*) and (toilet or tank) and (absorb* w3 polymer))) (Results 21)
- **search:** SS2 ft=(
- (
- ((fluid or water) w1 displac*) or (water w3 sav*))
- and (toilet or tank) and
- (hydroph* w4 (fiber? or fibre?)) and ((non w1 woven) or nonwoven or non-woven)) (Results 26)
- List: SS2 1–50 (ft=(
- (
- ((fluid or water) w1 displac*) or (water w3 sav*))
- and (toilet or tank) and
- (hydroph* w4 (fiber? or fibre?)) and ((non w1 woven) or nonwoven or non-woven)) (Results 26)
- **search:** SS3 IC=E03D AND FT=((absorb* w3 polymer) AND (TOILET W3 TANK)) (Results 2)
- List: SS3 1–50 (IC=E03D AND FT=((absorb* w3 polymer) AND (TOILET W3 TANK))) (Results 2)
- **search:** SS4 IC=E03D AND FT=((TOILET OR TANK) AND ((fluid or water) w1 displac*)) (Results 273)
- **search:** SS5 (4) AND FT=(POLYACRYLAMID* OR ((SODIUM OR POTASSIUM) W3 POLYACRYL*)) (Results 2)
- List: SS5 1–50 ((4) AND FT=(POLYACRYLAMID* OR ((SODIUM OR POTASSIUM) W3 POLYACRYL*))) (Results 2)
- **search:** SS6 FT=((POLYACRYLAMID* OR ((SODIUM OR POTASSIUM) W3 POLYACRYL*)) AND ((BIOCIDE or fragrance or freshener or ester? or terpene? or limonene) w9 (cover* or coat* or submer*))) (Results 1138)
- **search:** SS7 (6) and ft=((absorb* w5 polymer)) (Results 69)
- List: SS7 1–50 ((6) and ft=((absorb* w5 polymer))) (Results 69)
- List: SS7 1–50 ((6) and ft=((absorb* w5 polymer))) (Results 69)
- List: SS1 1–50 (ft=((fluid or water) w1 displac*) and (toilet or tank) and (absorb* w3 polymer))) (Results 21)
- **search:** SS8 [SP]: 1. a fluid displacement device to displace a volume of fluid within a fluid tank, the device comprising retaining means to retain the device within the tank. 2. the fluid displacement device as claimed in claim 1, in which the retaining means is operable to retain the fluid displacement device within an upper portion of the fluid tank. 3. the fluid displacement device as claimed in claim 1, which is adapted to displace between 0.1 and 3 litres of fluid from a tank. 4. the fluid displacement device as claimed in claim 1, which comprises a flexible container. 5. the fluid displacement device as claimed in claim 1, in which the fluid displacement device comprises a fluid-swellable material. 6. the fluid displacement device as claimed in claim 5, in which the fluid-swellable material is a

super-absorbing polymer. 7. the fluid displacement device as claimed in claim 5, in which the polymer is a potassium cross-linked polyacrylamide. 8. the fluid displacement device as claimed in claim 1, in which the fluid displacement device comprises an attachment means to allow attachment to the retaining means, wherein the attachment means comprise a cavity within an edge of the fluid displacement device. 9. the fluid displacement device as claimed in claim 1, in which the retaining means is adapted to prevent the fluid displacement device from resting on the bottom of the fluid tank. 10. the fluid displacement device as claimed in claim 1, in which the fluid tank is a toilet cistern. 11. the fluid displacement device as claimed in claim 1, in which the flexible container is perforated to allow a flow of fluid therethrough. 12. the fluid displacement device as claimed in claim 1, in which the fluid displacement device comprises weighting means. 13. a retaining means for retaining a fluid displacement device within a fluid tank. 14. a method of displacing fluid in a fluid tank, the method comprising the steps of retaining a fluid displacement device within the fluid tank using a retaining means. 15. the method of displacing fluid in a fluid tank as claimed in claim 14, the method comprising the step of retaining the fluid displacement device within an upper portion of the fluid tank using the retaining means. 16. the method of displacing fluid in a fluid tank as claimed in claim 14 or claim 15, wherein the method further comprises the step of engaging an attachment means of the fluid displacement device with the retaining means. 17. a kit for displacing fluid in a fluid tank comprising a fluid displacement device and a retaining means for retaining the fluid displacement device within a fluid tank. 18. the method of displacing fluid in a fluid tank as claimed in claim 14, wherein the method further comprises the step of engaging a rim of the fluid tank with the retaining means. (Results 5)

- List: SS8 1–50 ([SP]: 1. a fluid displacement device to displace a volume of fluid within a fluid tank, the device comprising retaining means to retain the device within the tank. 2. the fluid displacement device as claimed in claim 1, in which the retaining means is operable to retain the fluid displacement device within an upper portion of the fluid tank. 3. the fluid displacement device as claimed in claim 1, which is adapted to displace between 0.1 and 3 litres of fluid from a tank. 4. the fluid displacement device as claimed in claim 1, which comprises a flexible container. 5. the fluid displacement device as claimed in claim 1, in which the fluid displacement device comprises a fluid-swellable material. 6. the fluid displacement device as claimed in claim 5, in which the fluid-swellable material is a super-absorbing polymer. 7. the fluid displacement device as claimed in claim 5, in which the polymer is a potassium cross-linked polyacrylamide. 8. the fluid displacement device as claimed in claim 1, in which the fluid displacement device comprises an attachment means to allow attachment to the retaining means, wherein the attachment means comprise a cavity within an edge of the fluid displacement device. 9. the fluid displacement device as claimed in claim 1, in which the retaining means is adapted to prevent the fluid displacement device from resting on the bottom of the fluid tank. 10. the fluid displacement device as claimed in claim 1, in which the fluid tank is a toilet cistern. 11. the fluid displacement device as claimed in claim 1, in which the flexible container is perforated to allow a flow of fluid therethrough. 12. the fluid displacement device as claimed in claim 1, in which the fluid displacement device comprises weighting means. 13. a retaining means for retaining a fluid displacement device within a fluid tank. 14. a method of displacing fluid in a fluid tank, the method comprising the steps of retaining a fluid displacement device within the fluid tank using a retaining means. 15. the method of displacing fluid in a fluid tank as claimed in claim 14, the method comprising the step of retaining the fluid displacement device within an upper portion of the fluid tank using the retaining means. 16. the method of displacing fluid in a fluid tank as claimed in claim 14 or claim 15, wherein the method further comprises the step of engaging an attachment means of the fluid displacement device with the retaining means. 17. a kit for displacing fluid in a fluid tank comprising a fluid displacement device and a retaining means for retaining the fluid displacement device within a fluid tank. 18. the method of displacing fluid in a fluid tank as claimed in claim 14, wherein the method further comprises the step of engaging a rim of the fluid tank with the retaining means.) (Results 5)