

Search history

- Search 1: FT=(motor and (plunger or plug or piston or cup) and (spindle or leadscrew or (power w1 screw) or (worm w1 screw)) and ((limit w1 switch) or (stop w1 sensor)) and (groove or slot)) (Results 2736)
- Search 2: (1) and IC=A47J (Results 15)
- Search 3: FT=(motor and CAM and (spindle or leadscrew or (power w1 screw) or (worm w1 screw)) and ((limit w1 switch) or (stop w1 sensor)) and (groove or slot)) AND ic=A47J (Results 15)
- Search 4: FT=(motor and (plunger or plug or piston or cup) and (spindle or leadscrew or (power w1 screw) or (worm w1 screw)) and CASE and (groove or slot)) (Results 25026)
- Search 5: (4) AND ic=A47J (Results 227)
- Search 6: (4) AND ic=A47J31 (Results 88)

- session log created:09 April 2018 01:54:29

- Update information:

PatBase Coverage at Update 2018 Week 13 (Year 2018 Week 13)

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	20180330	19850910	20180330
	Patents	19930106	20180330	19930106	20180330
	Utility Model Applications	19850409	19921230	19850409	19921230
	Utility Models	19930106	20180330	19930106	20180330
	Designs	19850910	20180330	19850910	20150819
DE Germany	Patent Applications	19211221	20180329	19650317	20180329
	Patents	18770101	20180329	19200113	20180329
	Utility Models	19280626	20180322	19610831	20180322
	EP/WO Patents	19871217	20140410		
EP European Patent Office	Patent Applications	19781220	20180328	19781220	20180328
	Patents	19800109	20180328	19800109	20180328
FR France	Patent Applications	19690307	20180330	19810102	20180309
	Patents	18550227	20180330	19600502	20180323
	Utility Model Applications	19720107	20180330	19800104	20180309
	Utility Models	19730112	20180330	19690802	20180323
		19830209	20180314		

GB United Kingdom	Unpublished Patent Applications				
	Patent Applications	19790104	20180328	19790104	20180314
	Patents	17820704	20180328	19020911	19811216
JP Japan	Patent Applications	19710116	20180329	19930108	20180322
	Patents	19281026	20180320	19960529	20180320
	Utility Model Applications	19710723	20060209	19990817	20031107
	Utility Models	19640805	19960329		
	Registered Utility Models	19940726	20180308	19940726	20101216
	Designs	20141110	20180326		
KR Republic of Korea	Patent Applications	19781209	20180329	19800531	20180329
	Patents	19700820	20180329	19770628	20180329
	Utility Model Applications	19781127	20180329	19940730	20180329
	Utility Models	19780110	20180329	19970104	20180329
US United States of America	Patent Applications	20010315	20180329	20010315	20180329
	Patents	18360101	20180327	18560617	20180327
	Designs	18650912	20180327	19770719	20180327
WO World Intellectual Property Organization (WIPO)	Patent Applications	19781019	20180329	19781019	20180329
	Designs	20151023	20180330	20151023	20180330

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- **search:** SS1 FT=(motor and (plunger or plug or piston or cup) and (spindle or leadscrew or (power w1 screw) or (worm w1 screw)) and ((limit w1 switch) or (stop w1 sensor)) and (groove or slot)) (Results 2736)
- **search:** SS2 (1) and IC=A47J (Results 15)
- List: SS2 1–50 ((1) and IC=A47J) (Results 15)
- **search:** SS3 FT=(motor and CAM and (spindle or leadscrew or (power w1 screw) or (worm w1 screw)) and ((limit w1 switch) or (stop w1 sensor)) and (groove or slot)) AND ic=A47J (Results 15)
- List: SS3 1–50 (FT=(motor and CAM and (spindle or leadscrew or (power w1 screw) or (worm w1 screw)) and ((limit w1 switch) or (stop w1 sensor)) and (groove or slot)) AND ic=A47J) (Results 15)
- **search:** SS4 FT=(motor and (plunger or plug or piston or cup) and (spindle or leadscrew or (power w1 screw) or (worm w1 screw)) and CASE and (groove or slot)) (Results 25026)
- **search:** SS5 (4) AND ic=A47J (Results 227)
- **search:** SS6 (4) AND ic=A47J31 (Results 88)
- List: SS6 1–50 ((4) AND ic=A47J31) (Results 88)
- List: SS6 1–50 ((4) AND ic=A47J31) (Results 88)