

Search history

Search 1: IC=F16L AND FT=((adaptor or adapter or connector or flange or sleeve or coupling or fitting) AND (sleeve or cylind*) AND (((retain* or hold*) w5 (wire or ring or element)) or (wire w4 ring)) w5 (groove or recess*)) AND (pipe or hose or tube) (Results 828)

Search 2: (1) AND FT=((

Search 3: (1) AND FT=(WIRE W3 RING) (Results 35)

Search 4: (3) NOT (2) (Results 29)

Search 5: (2) AND FT=((SECOND OR TWO) W3 (RING? OR WIRE?)) (Results 5)

Search 6: (1) AND FT=((SECOND OR TWO) W3 (RING? OR WIRE?)) (Results 97)

Search 7: PA=(FLEXSTEEL) (Results 66)

- session log created:21 September 2018 16:43:20

- Update information:

PatBase Coverage at Update 2018 Week 37 (Year 2018 Week 37)

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	20180914	19850910	20180914
	Patents	19930106	20180914	19930106	20180914
	Utility Model Applications	19850409	19921230	19850409	19921230
	Utility Models	19930106	20180914	19930106	20180914
	Designs	19850910	20180914	19850910	20150819
DE Germany	Patent Applications	19211221	20180913	19650317	20180913
	Patents	18770101	20180913	19200113	20180913
	Utility Models	19280626	20180913	19610831	20180913
	EP/WO Patents	19871217	20140410		
EP European Patent Office	Patent Applications	19781220	20180912	19781220	20180912
	Patents	19800109	20180912	19800109	20180912
FR France	Patent Applications	19690307	20180914	19810102	20180824
	Patents	18550227	20180914	19600502	20180907
	Utility Model Applications	19720107	20180914	19800104	20180824
	Utility Models	19730112	20180914	19690802	20180907

GB United Kingdom	Unpublished Patent Applications	19830209	20180905		
	Patent Applications	19790104	20180912	19790104	20180829
	Patents	17820704	20180912	19020911	19811216
JP Japan	Patent Applications	19710116	20180913	19930108	20180906
	Patents	19281026	20180829	19960529	20180829
	Utility Model Applications	19710723	20060209	19990817	20031107
	Utility Models	19640805	19960329		
	Registered Utility Models	19940726	20180830	19940726	20101216
	Designs	20141110	20180910		
KR Republic of Korea	Patent Applications	19781209	20180914	19800531	20180914
	Patents	19700820	20180914	19770628	20180914
	Utility Model Applications	19781127	20180914	19940730	20180914
	Utility Models	19780110	20180914	19970104	20180914
US United States of America	Patent Applications	20010315	20180913	20010315	20180913
	Patents	18360101	20180911	18560617	20180911
	Designs	18650912	20180911	19770719	20180911
WO World Intellectual Property Organization (WIPO)	Patent Applications	19781019	20180913	19781019	20180913
	Designs	20151023	20180914	20151023	20180914

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- **search:** SS1 IC=F16L AND FT=((adaptor or adapter or connector or flange or sleeve or coupling or fitting) AND (sleeve or cylind*) AND (((retain* or hold*) w5 (wire or ring or element)) or (wire w4 ring)) w5 (groove or recess*)) AND (pipe or hose or tube)) (Results 828)
- **search:** SS2 (1) AND FT=((
- (CUT* OR HOLE* OR SLOT*) W5 (INSERT* OR PLAC*) W9 (RING OR WIRE)) (Results 29)
- List: SS2 1-50 ((1) AND FT=((
- (CUT* OR HOLE* OR SLOT*) W5 (INSERT* OR PLAC*) W9 (RING OR WIRE))) (Results 29)
- **search:** SS3 (1) AND FT=(WIRE W3 RING) (Results 35)
- List: SS3 1-50 ((1) AND FT=(WIRE W3 RING)) (Results 35)
- **search:** SS4 (3) NOT (2) (Results 29)
- List: SS4 1-50 ((3) NOT (2)) (Results 29)
- **search:** SS5 (2) AND FT=((SECOND OR TWO) W3 (RING? OR WIRE?)) (Results 5)
- List: SS5 1-50 ((2) AND FT=((SECOND OR TWO) W3 (RING? OR WIRE?))) (Results 5)
- List: SS5 1-50 ((2) AND FT=((SECOND OR TWO) W3 (RING? OR WIRE?))) (Results 5)
- **search:** SS6 (1) AND FT=((SECOND OR TWO) W3 (RING? OR WIRE?)) (Results 97)
- List: SS6 1-50 ((1) AND FT=((SECOND OR TWO) W3 (RING? OR WIRE?))) (Results 97)

- **search:** SS7 PA=(FLEXSTEEL) (Results 66)
- **List:** SS7 1–50 (PA=(FLEXSTEEL)) (Results 66)