

### Search history

Search 1: FT=(motor and lock\* and (latch or plunger or rod) and cam and (channel or guide)) (Results 59492)  
 Search 2: (1) and IC=E05B (Results 1602)  
 Search 3: (2) and FT=(spring and door) (Results 1128)  
 Search 4: (3) and IC=A47J (Results 3)  
 Search 5: FT=(motor and cam? and (latch or plunger or rod) and (channel or guide or rail) and (lock\* w3 door) and ((latch or plunger or rod) w5 spring)) (Results 437)  
 Search 6: (5) and IC=E05B (Results 145)  
 Search 7: ft=(LOCK AND HINGE AND (TORSION\* W2 SPRING) AND DOOR) (Results 2266)  
 Search 8: (7) AND ic=E05B (Results 464)  
 Search 9: (8) AND ft=(HOLE W5 DOOR) (Results 34)

- session log created:19 April 2018 00:21:07

- Update information:

#### PatBase Coverage at Update 2018 Week 15 (Year 2018 Week 15)

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                       | 20180413 | 19850910                   | 20180413 |
|                           | Patents                    | 19930106                       | 20180413 | 19930106                   | 20180413 |
|                           | Utility Model Applications | 19850409                       | 19921230 | 19850409                   | 19921230 |
|                           | Utility Models             | 19930106                       | 20180413 | 19930106                   | 20180413 |
|                           | Designs                    | 19850910                       | 20180413 | 19850910                   | 20150819 |
| DE Germany                | Patent Applications        | 19211221                       | 20180412 | 19650317                   | 20180412 |
|                           | Patents                    | 18770101                       | 20180412 | 19200113                   | 20180412 |
|                           | Utility Models             | 19280626                       | 20180412 | 19610831                   | 20180412 |
|                           | EP/WO Patents              | 19871217                       | 20140410 |                            |          |
| EP European Patent Office | Patent Applications        | 19781220                       | 20180411 | 19781220                   | 20180411 |
|                           | Patents                    | 19800109                       | 20180411 | 19800109                   | 20180411 |
| FR France                 | Patent Applications        | 19690307                       | 20180413 | 19810102                   | 20180323 |
|                           | Patents                    | 18550227                       | 20180413 | 19600502                   | 20180413 |
|                           | Utility Model Applications | 19720107                       | 20180413 | 19800104                   | 20180323 |

|  |                                 |          |          |          |          |
|--|---------------------------------|----------|----------|----------|----------|
|  | Utility Models                  | 19730112 | 20180413 | 19690802 | 20180413 |
| GB United Kingdom                                  | Unpublished Patent Applications | 19830209 | 20180328 |          |          |
|  | Patent Applications             | 19790104 | 20180411 | 19790104 | 20180328 |
|  | Patents                         | 17820704 | 20180411 | 19020911 | 19811216 |
|  |                                 |          |          |          |          |
| JP Japan   | Patent Applications             | 19710116 | 20180412 | 19930108 | 20180405 |
|  | Patents                         | 19281026 | 20180328 | 19960529 | 20180328 |
|  | Utility Model Applications      | 19710723 | 20060209 | 19990817 | 20031107 |
|  | Utility Models                  | 19640805 | 19960329 |          |          |
|  | Registered Utility Models       | 19940726 | 20180329 | 19940726 | 20101216 |
|  | Designs                         | 20141110 | 20180409 |          |          |
|  |                                 |          |          |          |          |
| KR Republic of Korea                               | Patent Applications             | 19781209 | 20180413 | 19800531 | 20180413 |
|  | Patents                         | 19700820 | 20180413 | 19770628 | 20180413 |
|  | Utility Model Applications      | 19781127 | 20180413 | 19940730 | 20180413 |
|  | Utility Models                  | 19780110 | 20180413 | 19970104 | 20180413 |
| US United States of America                        | Patent Applications             | 20010315 | 20180412 | 20010315 | 20180412 |
|  | Patents                         | 18360101 | 20180410 | 18560617 | 20180410 |
|  | Designs                         | 18650912 | 20180410 | 19770719 | 20180410 |
| WO World Intellectual Property Organization (WIPO) | Patent Applications             | 19781019 | 20180412 | 19781019 | 20180412 |
|  | Designs                         | 20151023 | 20180413 | 20151023 | 20180413 |

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- **search:** SS1 FT=(motor and lock\* and (latch or plunger or rod) and cam and (channel or guide)) (Results 59492)
- **search:** SS2 (1) and IC=E05B (Results 1602)
- List: SS2 1–50 ((1) and IC=E05B) (Results 1602)
- **search:** SS3 (2) and FT=(spring and door) (Results 1128)
- List: SS3 1–50 ((2) and FT=(spring and door)) (Results 1128)
- **search:** SS4 (3) and IC=A47J (Results 3)
- List: SS4 1–50 ((3) and IC=A47J) (Results 3)
- **search:** SS5 FT=(motor and cam? and (latch or plunger or rod) and (channel or guide or rail) and (lock\* w3 door) and ((latch or plunger or rod) w5 spring)) (Results 437)
- List: SS5 1–50 (FT=(motor and cam? and (latch or plunger or rod) and (channel or guide or rail) and (lock\* w3 door) and ((latch or plunger or rod) w5 spring))) (Results 437)
- **search:** SS6 (5) and IC=E05B (Results 145)
- List: SS6 1–50 ((5) and IC=E05B) (Results 145)
- **search:** SS7 ft=(LOCK AND HINGE AND (TORSION\* W2 SPRING) AND DOOR) (Results 2266)
- **search:** SS8 (7) AND ic=E05B (Results 464)

- **search:** SS9 (8) AND ft=(HOLE W5 DOOR) (Results 34)
- **List:** SS9 1–50 ((8) AND ft=(HOLE W5 DOOR)) (Results 34)