

Search history

Search PN=(wo2014154526) (Results 1)

1:

Search PN=(WO2015050564) (Results 1)

2:

Search fn=(58891940 or 64315518 or 57133121 or 57133121 or 53176793 or 53176793 or 56968702 or 46189617 or 23060319 or 37055903 or 24861433 or 27604085 or 27604056 or 46189617 or 56968702 or 22012838 or 22923353 or 21554249 or 1458312 or 4273330 or 11430371 or 28763883 or 48215429 or 34557687 or 46189617 or 28736717 or 26657957) (Results 22)

Search fn=(56968702:420 or 55127349:130 or 34068402:120 or 46189617:115 or 11369870:115 or 50887987:100 or 41153936:100 or 28328284:100 or 47316121:95 or 43382203:95 or 27990293:95 or 11627812:95 or 11026133:95 or 28231326:90 or 18866371:90 or 52217249:85 or 42861208:85 or 32019848:85 or 28038940:85 or 55883623:80 or 49993929:80 or 45173326:80 or 41725154:80 or 31840422:80 or 29744989:80 or 23905628:80 or 16080139:80 or 61247266:75 or 53976979:75 or 51713117:75 or 44867345:75 or 43751574:75 or 42587401:75 or 42115344:75 or 40891582:75 or 34192495:75 or 34035488:75 or 33459122:75 or 31059348:75 or 29172221:75 or 12948740:75 or 12618997:75 or 11424556:75 or 10782051:75 or 9038002:75 or 4899849:75 or 2368523:75 or 133943:75 or 65075685:70 or 64626954:70 or 59604821:70 or 54600140:70 or 50167467:70 or 49808565:70 or 46625428:70 or 44113997:70 or 43629420:70 or 42095151:70 or 31767320:70 or 29053452:70 or 28908706:70 or 28212137:70 or 28108737:70 or 22683184:70 or 18172250:70 or 11835613:70 or 11477250:70 or 5213068:70 or 3061467:70 or 1208497:70 or 63516758:65 or 60595674:65 or 56591815:65 or 53492519:65 or 52172610:65 or 49545073:65 or 47931257:65 or 44969048:65 or 43231942:65 or 33473953:65 or 31167160:65 or 30951475:65 or 30259696:65 or 28450632:65 or 28450027:65 or 28323055:65 or 28238473:65 or 27916776:65 or 24056246:65 or 22742258:65 or 22729395:65 or 22459207:65 or 22438232:65 or 21726002:65 or 21559260:65 or 21166658:65 or 20345019:65 or 20285333:65 or 19981305:65 or 19697650:65) (Results 100)

Search PN=(EP2211004 or US114841 or GB05169 or US7878558) (Results 3)

5:

Search PN=(US2403065 or GB1117044) (Results 2)

6:

Search INV=(Engert) (Results 253)

7:

Search 3 and 7 (Results 1)

8:

Search INV=(Seckerson) (Results 207)

9:

Search 9 and 3 (Results 1)

10:

Search ADJUSTABLE and DOOR and LOCK (Results 7018)

11:

Search IPC=(E05C5/02) (Results 767)

12:

Search 11 and 12 (Results 14)

13:

Search PN=(CN106193849) (Results 1)

14:

Search fn=(42830194 or 44278948 or 17691845 or 56968702 or 5252825 or 5065672) (Results 6)

15:

Search fn=(66157130:10 or 66136424:10 or 66122055:10 or 66082813:10 or 66070113:10 or 65957476:10 or 65882010:10 or 65846375:10 or 65842074:10 or 65562663:10 or 65519130:10 or 65447256:10 or 65219013:10 or 65024502:10 or 64980765:10 or 64882735:10 or 64869859:10 or 64869830:10 or 64831648:10 or 64823894:10 or 64752197:10 or 64700989:10 or 64655264:10 or 64638756:10 or 64505115:10 or 64498694:10 or 64475572:10 or 64332158:10 or 64315518:10 or 64258563:10 or 64245984:10 or 64184717:10 or 63903020:10 or 63896854:10 or 63820167:10 or 63679621:10 or 63653212:10 or 63646999:10 or 63615828:10 or 63541227:10 or 63483754:10 or 63431826:10 or 63431792:10 or 63402684:10 or 63359493:10 or 63308506:10 or 63083859:10 or 63022117:10 or 62868491:10 or 62790210:10 or 62738211:10 or 62728685:10 or 62709495:10 or 62679957:10 or 62666710:10 or 62650382:10 or 62567106:10 or 62432435:10 or 62333566:10 or 62313973:10 or 62304786:10 or 62299836:10 or 62289316:10 or 62284122:10 or 62220494:10 or 62182813:10 or 62174141:10 or 62174023:10 or 62114641:10 or 62035733:10 or 61931590:10 or 61912081:10 or 61888978:10 or 61786678:10 or 61649312:10 or 61634461:10 or 61592311:10 or 61284827:10 or 61278909:10 or 61228992:10 or 61081658:10 or 61077095:10 or 61073130:10 or 61005736:10 or 60932974:10 or 60929637:10 or 60927015:10 or 60917822:10 or 60820862:10 or 60634307:10 or 60601758:10 or 60599490:10 or 60595674:10 or 60550812:10 or 60529766:10 or 60439631:10 or 60399713:10 or 60330449:10 or 60329552:10 or 60224031:10) (Results 100)

Search fn=(54897753 or 54897753 or 63799715 or 64315518 or 17806023 or 30889083 or 34085006 or 34432701 or 49466423 or 33003161 or 34354022 or 43382203 or 54897753 or 63115753 or 13008625 or 10782051 or 23166883 or 31528736 or 32784143 or 34192495 or 33003161 or 43382203 or 48215429 or 58544555 or 54897753 or 15299770 or 59144099 or 25909334 or 27584149 or 20134516 or 19688850 or 29437415 or 27385038 or 27272522 or 27096469 or 29135552) (Results 31)

Search fn=(51725909 or 52154035 or 64315518) (Results 3)

18:

Search fn=(8834854 or 15445536 or 64315518 or 13134001 or 13134001 or 62650382 or 11435773 or 43382203 or 25916945 or 1278610 or 5252825 or 3144819) (Results 11)

Search PN=(US5125695 or GB2275961 or CN201173031 or US5868015 or USRE11606 or US124442 or US504262 or US5618066 or CN106193849) (Results 9)

20:

Search Closure and catch and assembly (Results 1660)

21:

Search 12 and 21 (Results 3)

22:

Search PN=(US4056275) (Results 1)

23:

Search fn=(1508422:90 or 1458312:90 or 22220094:70 or 22003550:70 or 22870073:65 or 22817009:65 or 22778776:65 or 22741300:65 or 22740706:65 or 22395013:65 or 20520014:65 or 17020044:65 or 11310607:65 or 11063778:65 or 7544081:65 or 3753375:65 or 994151:65 or 52327734:55 or 51759190:45 or 43872301:45 or 31845254:45 or 28197088:45 or 22755062:45 or 22698282:45 or 22609896:45 or 22605795:45 or 22583179:45 or 22465410:45 or 22436294:45 or 22420431:45 or 22262967:45 or 22194030:45 or 22167531:45 or 22069637:45 or 22069619:45 or 21876450:45 or 21706384:45 or 21582186:45 or 21581129:45 or 21283053:45 or 21268264:45 or 21258614:45 or 21211051:45 or 21125073:45 or 21121308:45 or 20890766:45 or 20151318:45 or 19973198:45 or 19918709:45 or 19424452:45 or 19053832:45 or 18926678:45 or 18921799:45 or 18880165:45 or 18845892:45 or 18495022:45 or 18125461:45 or 15023341:45 or 4886400:45 or 4508257:45 or 2308462:45 or 937875:45 or 57612590:40 or 56647328:40 or 56138772:40 or 43118161:40 or 40968694:40 or 40963366:40 or 40705200:40 or 40654970:40 or 35042958:40 or 34915461:40 or 32301637:40 or 31605306:40 or 31377776:40 or 31163947:40 or 30907871:40 or 30900171:40 or 30855442:40 or 30663806:40 or

29914402:40 or 29613664:40 or 29598286:40 or 29583024:40 or 29459834:40 or 29442776:40 or 29409365:40 or 29376068:40 or 29258666:40 or 28335266:40 or 28280375:40 or 26474364:40 or 25934519:40 or 25934499:40 or 25929515:40 or 23742640:40 or 23486319:40 or 23103345:40 or 23069831:40 or 23062187:40) (Results 100)

Search 4 and 24 (Results 0)
25:

Search 112 and 24 (Results 3)
26:

Search PA=(jason l. stile) (Results 1)
27:

Search TAC=(ADJUSTABLE DOOR LOCK) and PA=(jason l. stile) (Results 1)
28:

Search 20 or 23 or 6 or 5 (Results 15)
29:

Search 11 and 21 (Results 26)
30:

Search ((ADJUSTABLE and DOOR and LOCK) and (Closure and catch and assembly)) (Results 26)
31:

Search ACCESS LOCKING DEVICE (Results 10)
32:

Search ACCESS and LOCKING and DEVICE (Results 24960)
33:

Search 12 and 33 (Results 12)
34:

Search fn=(27272522:70 or 49332521:50 or 30861310:45 or 30257348:45 or 28791377:45 or 28775224:45 or 28765193:45 or 28739812:45 or 28727020:45 or 28068407:45 or 27632826:45 or 27617226:45 or 27611093:45 or 27584149:45 or 27533362:45 or 27516479:45 or 27491624:45 or 27487840:45 or 27434531:45 or 27428284:45 or 27408163:45 or 27371173:45 or 27371119:45 or 27310915:45 or 27276637:45 or 27240260:45 or 27219370:45 or 27215127:45 or 27203909:45 or 27200028:45 or 26866339:45 or 26839739:45 or 26800304:45 or 26798914:45 or 26777443:45 or 26730799:45 or 26709268:45 or 26703358:45 or 26689776:45 or 26660193:45 or 26615766:45 or 26610193:45 or 26526505:45 or 25940010:45 or 25918764:45 or 22815194:45 or 22794761:45 or 21222943:45 or 21049923:45 or 20895463:45 or 20479819:45 or 20253490:45 or 19933965:45 or 19489529:45 or 18037639:45 or 11882719:45 or 7679769:45 or 7664774:45 or 6647181:45 or 5233730:45 or 4942869:45 or 2130677:45 or 1328031:45 or 1283546:45 or 1133350:45 or 904252:45 or 859063:45 or 57604500:25 or 55303917:25 or 54628698:25 or 53492519:25 or 52825120:25 or 52172862:25 or 52135096:25 or 51933398:25 or 51281591:25 or 50734487:25 or 50257385:25 or 50071760:25 or 49402664:25 or 49012813:25 or 48919303:25 or 47544338:25 or 46979130:25 or 46802786:25 or 44245132:25 or 44113997:25 or 44113417:25 or 43781993:25 or 43751574:25 or 43473002:25 or 43382203:25 or 43349603:25 or 43231942:25 or 43144333:25 or 43032303:25 or 43000582:25 or 42966922:25 or 42936812:25 or 42777275:25) (Results 100)

Search PN=(US2009302618) (Results 1)
36:

Search LOCKING and DEVICE and door (Results 53121)
37:

Search 12 and 37 (Results 77)
38:

Search PN=(TW551414) (Results 1)
39:

Search fn=(30351528) (Results 1)
40:

Search 39 or 36 or 23 or 29 (Results 17)
41:

Search fn=(56968702 or 51080385 or 49385091 or 49385091 or 46625428 or 51452723 or 52825120 or 49385091 or 53176793 or 55302970 or 56968702 or 55302970 or 55302970 or 49385091 or 60104085 or 59064604 or 53176793 or 46625428 or 51452723 or 56968702 or 52825120 or 1646029 or 37055903 or 30628055 or 32668182 or 40498608 or 42529586 or 13412175 or 35564267 or 43144333 or 21407749 or 22438232 or 21226264 or 21452482 or 22038123 or 22459207 or 22934529 or 4545487 or 5357286 or 2596899 or 15112251 or 3104914 or 4756403 or 11689988 or 12165941 or 12245725 or 15767753 or 23424130 or 32841765 or 32856559 or 43144333) (Results 39)

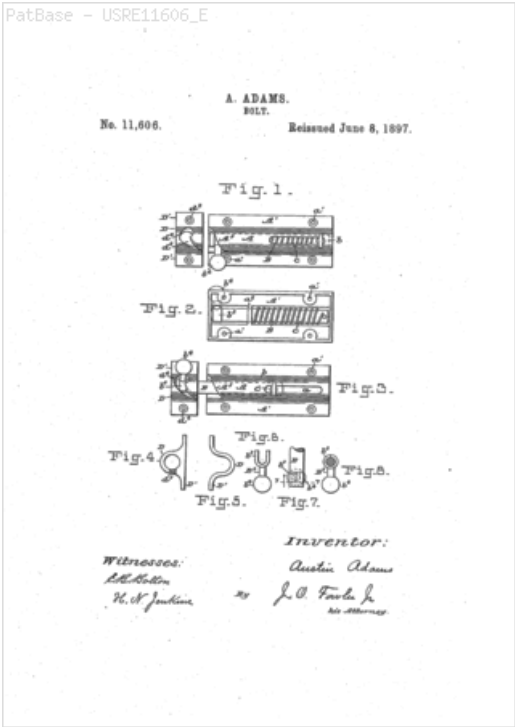
Search [SP]: brief description of the several views of the drawing [0029] the novel features believed to be characteristic of this disclosure are set forth with particularity in the appended claims. the disclosure itself, however, both as to its organization and method of operation, together with further objects and advantages thereof, may best be understood by reference to the following description taken in connection with the accompanying drawings in which:[0030] fig. 1 is a perspective view showing an adjustable door lock in a locked position, in accordance with one embodiment of the present disclosure, wherein brackets are removably mated to the catch plate[0031] fig. 2 is an exploded view of the adjustable door lock shown at an unlocked position[0032] fig. 3 is an exploded view of the adjustable door lock shown in fig. 1[0033] fig. 4 is a front elevational view of the adjustable door lock showing the catch upwardly aligned relative to the locking bolt[0034] fig. 5 is front elevational view of the adjustable door lock showing the catch downwardly aligned relative to the locking bolt[0035] fig. 6 is a perspective view showing an adjustable door lock in a locked position, in accordance with one embodiment of the present disclosure, wherein the catch plate has flanges folded thereover in lieu of employing removable brackets[0036] fig. 7 is an exploded view of the adjustable door lock shown at an unlocked position[0037] fig. 8 is an exploded view of the adjustable door lock shown in fig. 1[0038] fig. 9 is a front elevational view of the adjustable door lock showing the catch upwardly aligned relative to the locking bolt and[0039] fig. 10 is front elevational view of the adjustable door lock showing the catch downwardly aligned relative to the locking bolt.[0040] those skilled in the art will appreciate that the figures are not intended to be drawn to any particular scale nor are the figures intended to illustrate every embodiment of the disclosure. the disclosure is not limited to the exemplary embodiments depicted in the figures or the shapes, relative sizes or proportions shown in the figures. (Results 116)

Search PN=(US5352001 or US972067) (Results 2)
44:

Search 12 and 43 (Results 3)
45:

Search 41 or 44 (Results 19)
46:

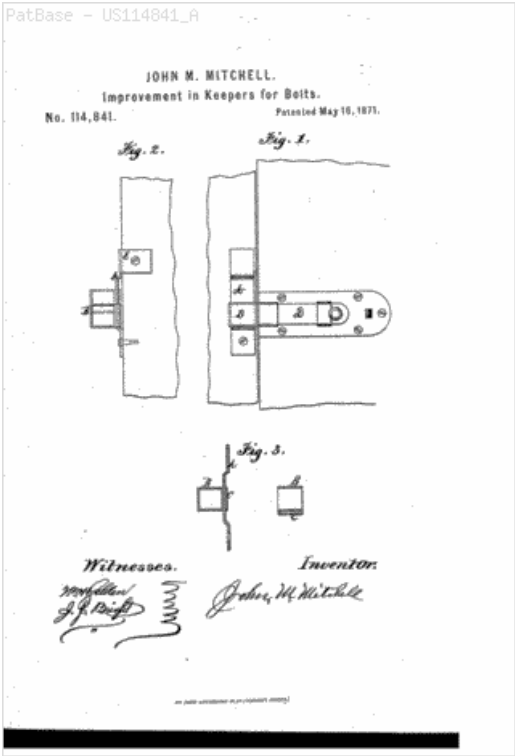
Classifications:
US: 292/181



Family:

Publication number	Publication date	Application number	Application date
USRE11606 E	00000000		00000000

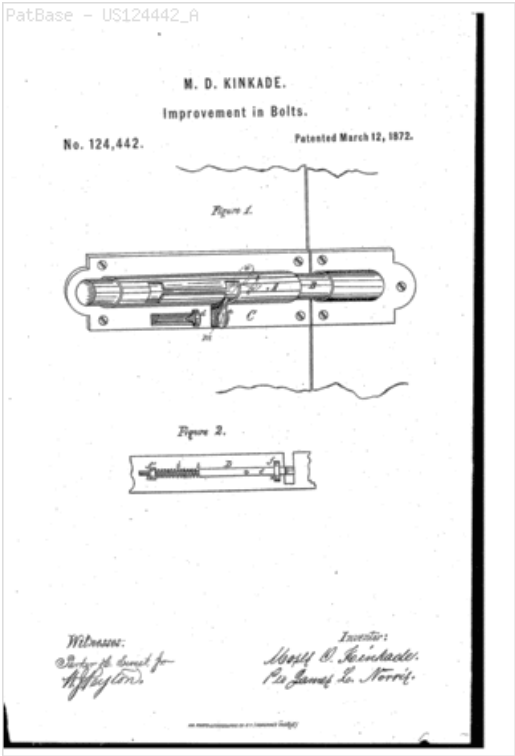
Classifications:
CPC: Y10T292/707 E05B15/0245
US: 292/341.19



Family:

Publication number	Publication date	Application number	Application date
US114841 A	18710516		00000000

Classifications:
CPC: Y10T292/0863 Y10T292/1028 E05C1/04 E05B65/0864
US: 292/150 292/57

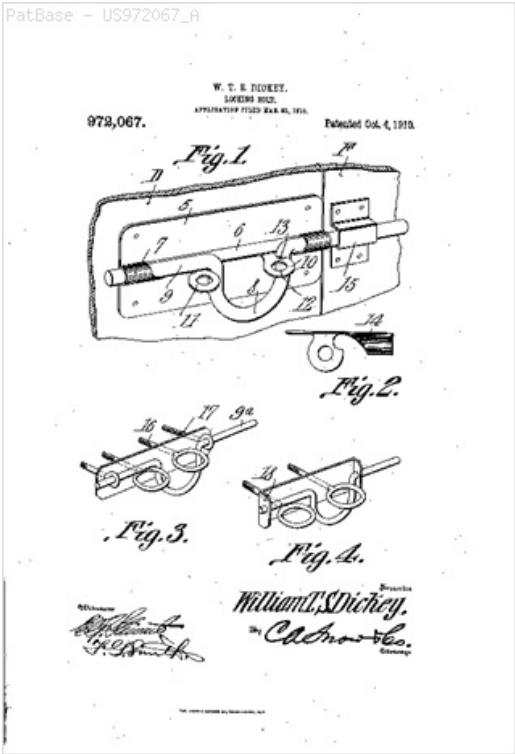


Family:

Publication number	Publication date	Application number	Application date
US124442 A	18720312		00000000

Title: LOCKING-BOLT.

Classifications:
International (IPC 1-7): E05C5/00
CPC: Y10T292/0863 E05B65/0864 E05C1/04
US: 292/57



Family:

Publication number	Publication date	Application number	Application date
US972067 A	19101004	US19100551162	19100323

Priority:

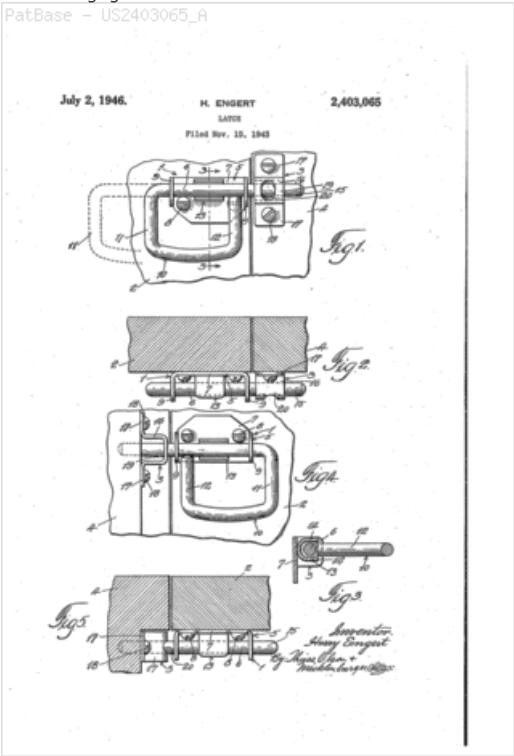
US19100551162 19100323

Probable Assignee:	DICKEY WILLIAM T S
Assignee(s): (std):	DICKEY WILLIAM T S
Assignee(s):	WILLIAM T S DICKEY
Inventor(s): (std):	DICKEY WILLIAM T S
Inventor(s):	WILLIAM T S DICKEY

Title: LATCH

Abstract: Source: US2403065A 1. A latch comprising' a bolt supporting bracket and a, latch bolt slidably mounted therein, said bracket having a. base to be secured to 9. support and a, pair of ears extending forwardly from said base having aligned apertures in which thebolt slides and may swing about the axis of the bolt, said. bolt having a loop handle portion swingable and slidable with the bolt, the sides of which straddle one of said ears and one of the sides of which is straddled by said ears, said bracket being provided with abutment means located in the path of sliding movement of said straddled side of the loop in one position of the swingable loop and located out of the path of sliding movement of sa-ld straddled side in another position of the swingable loop, said latch bolt being formed of a continuous rod having a, continuous straight portion extending through said ears to form the bolt, the loop portion 'being continuous with said straight portion, the end portion of the loop extending to 2, fposition adjacent said abutment means so as to be engageable therewith

Classifications:
International (IPC 8-9): E05C1/04 (Advanced/Invention); E05C1/00 (Core/Invention)
International (IPC 1-7): E05C5/00
CPC: Y10S292/30 E05C1/04 Y10T292/0863 Y10T292/68
European: E05C1/04
US: 292/340 292/57 292/DIG.30



Family:

Publication number	Publication date	Application number	Application date
US2403065 A	19460702	US19430510327	19431115

Priority:

US19430510327 19431115

Probable Assignee:

HARRY ENGERT

Assignee(s): (std):

HARRY ENGERT

Inventor(s): (std):

HARRY ENGERT

Inventor(s):

ENGERT HARRY

Title: An improved socket for a releasable catch

Abstract: Source: GB1117044A 1,117,044. Catches. F. T. PRODUCTS Ltd. 16 March, 1967 [16 March, 1966], No. 11432/66. Heading E2A. A keeper for a latch stud 10 comprises a plate 14, formed with a central aperture (not shown), and a resilient, single strip of material 15 shaped to provide an open loop 23, a restricted mouth 24 and oppositely directed ends 25 and 26, which ends are engaged slidably on the plate 14 on opposite sides of the central aperture. The ends are retained between the main body of the plate and portions 21, 22, which are pressed out from the plate to lie parallel therewith, thereby allowing positional adjustment of the looped member relative to the central aperture.

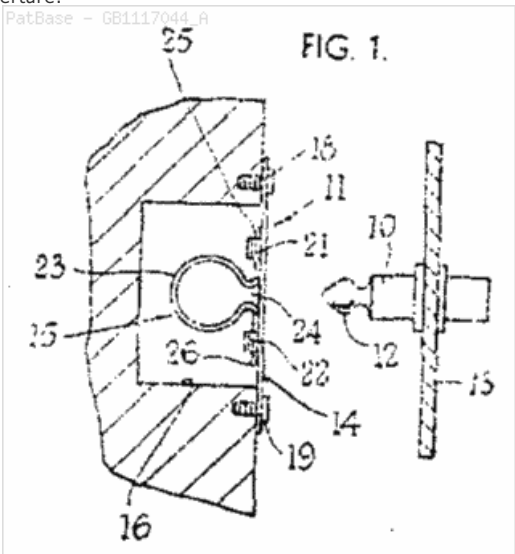
Classifications:

International (IPC 8-9): E05C19/06 (Advanced/Invention);
E05C19/00 (Core/Invention)

International (IPC 1-7): E05C19/02

CPC: E05C19/063

European: E05C19/06B



Family:

Publication number	Publication date	Application number	Application date
GB1117044 A	19680612	GB19660011432	19660316

Priority:

GB19660011432 19660316

Probable Assignee:	FT PRODUCTS LTD
Assignee(s): (std):	FT PRODUCTS LTD
Assignee(s):	F T PRODUCTS LIMITED
Inventor(s): (std):	SECKERSON CLIFFORD ALEXANDER

Title: CLOSURE CATCH ASSEMBLY

Abstract: Source: US4056275A The assembly includes a strike component comprising a headed screw and a catch component comprising a base member with a protruding catch member for engaging the head of the screw. The fastener compensates for misalignment by longitudinal motion of the catch component along an elongated screw receiving slot and by screwing the strike component in or out thereby positioning the head. The base member is mounted on an integral flange thereby spacing the slot from the mounting surface so the perimeter of the slot can be deformed when a mounting screw passes through. The perimeter of the slot thereby provides a biasing force resisting longitudinal motion of the base member.

Classifications:

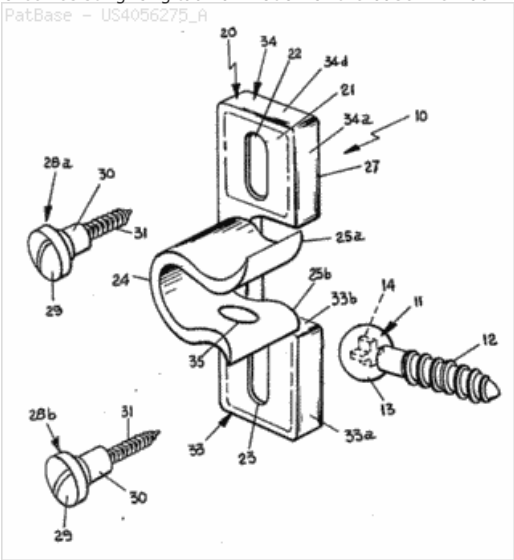
International (IPC 8-9): E05C19/06 (Advanced/Invention);
E05C19/00 (Core/Invention)

International (IPC 1-7): E05C19/02

CPC: E05C19/066 Y10T292/0817 Y10T292/705

European: E05C19/06B2

US: 292/17 292/341.18



Family:

Publication number	Publication date	Application number	Application date
US4056275 A	19771101	US19760718677	19760830

Priority:

US19760718677 19760830

Probable Assignee:

KEELER BRASS CO

Assignee(s): (std):

KEELER BRASS CO

Assignee(s):

KEELER BRASS COMPANY

Inventor(s): (std):

KEELER II MINER S

Title: SAFETY LATCH

Abstract: Source: US5125695A A safety latch with a backing member, a latch bolt and a housing for the latch bolt supported by the backing member. A spring is provided to bias the latch bolt in the open or unlocked position.

Classifications:

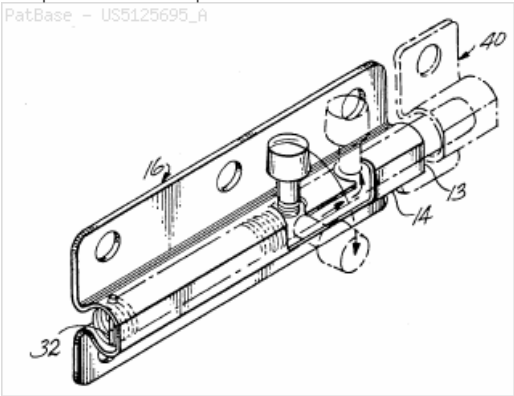
International (IPC 8-9): E05B15/10 (Advanced/Invention);
E05C1/04 (Advanced/Non-invention);
E05B15/00 (Core/Invention);
E05C1/00 (Core/Non-invention)

International (IPC 1-7): E05C1/16 E05C5/02

CPC: E05C1/04 E05B15/101 Y10T292/0869

European: E05B15/10A P05C1/04

US: 292/62



Family:

Publication number	Publication date	Application number	Application date
US5125695 A	19920630	US19910770186	19911002
WO9307349 A1	19930415	WO1992US08413	19921002

Priority:

US19910770186 19911002

Probable Assignee: HARTWELL EVELYN

Assignee(s): (std): HARTWELL MAX H

Assignee(s): HARTWELL EVELYN ; HARTWELL MAX DELBERT

Inventor(s): (std): HARTWELL MAX H

Designated states: AT BE CH DE DK ES FR GB GR IE IT JP LU MC NL SE

Title: A DOOR BOLT

Abstract: Source: GB2275961A a door bolt has a pair of aligned guide tunnels (20) carrying a bolt bar (22) which has a radical travelling eye (28) for securing against any one of four fixed eyes (34, 36, 44, 46) by a padlock bar (42). Each eye has a diameter less than twice its length (L).

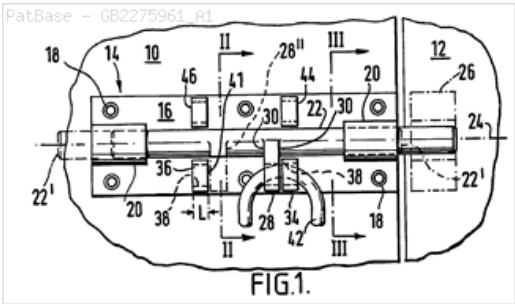
Classifications:

International (IPC 8-9): E05C1/04 (Advanced/Invention);
E05B67/38 (Advanced/Non-invention);
E05C1/00 (Core/Invention);
E05B67/00 (Core/Non-invention)

International (IPC 1-7): E05B67/00 E05C1/04

CPC: E05B67/383 E05C1/04

European: E05C1/04 P05B67/38B



Family:

Publication number	Publication date	Application number	Application date
DE9403985 U1	19940519	DE19940003985U	19940310
FR2704896 A3	19941110	FR19940002665	19940308
FR2704896 B3	19950421	FR19940002665	19940308
GB2275961 A1	19940914	GB19930004932	19930310
GB2275961 B2	19960110	GB19930004932	19930310
GB9304932 A0	19930428	GB19930004932	19930310

Priority:

GB19930004932 19930310

Probable Assignee: MILNER CHARLES E A

Assignee(s): (std): MILNER CHARLES E A ; MILNER CHARLES EDWARD ALAN

Assignee(s): MILNER CHARLES EDWARD ALAN HULL ; CHARLES EDWARD ALAN MILNER

Inventor(s): (std): ALAN MILNER CHARLES EDWARD ; MILNER CHARLES EDWARD ALAN ; EDWARD ALAN MILNER CHARLES

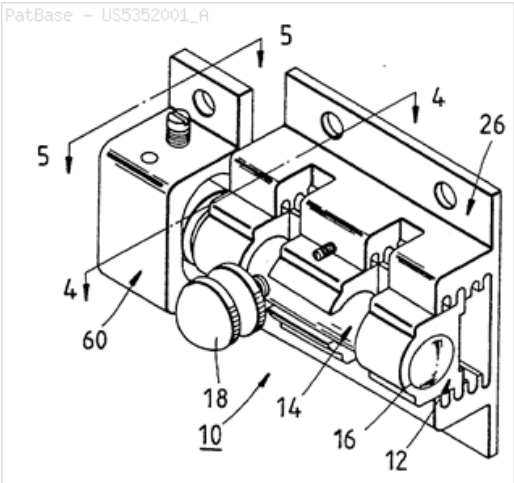
Inventor(s): CHARLES EDWARD ALAN MILNER

Title: DOOR BOLT

Abstract: Source: US5352001A An improved door bolt comprises a slide bar seat, a slide bar disposed in an axial hole of the slide bar seat, a bolt button fastened to the slide bar, and an outer seat provided with a recessed portion having two open ends and two opposite side walls. Located symmetrically in the two opposite side walls are a plurality of parallel grooves. The slide bar seat is mounted in the recessed portion such that two wings of the slide bar seat are slidably inserted into two opposite grooves. A slide bar retainer seat is provided with a retaining hole and an inner sleeve mounted in the retaining hole in such a manner that the inner sleeve can be caused to move along the direction of the longitudinal axis of the retaining hole.

Classifications:

International (IPC 8-9): E05B15/02 E05B63/00 E05C1/04 (Advanced/Invention); E05B15/00 E05B63/00 E05C1/00 (Core/Invention)
International (IPC 1-7): E05C1/04 E05C5/02
CPC: Y10S292/60 E05C1/04 E05B15/025 E05B63/0056 Y10T292/0863 Y10T292/705
European: E05B15/02E4B E05B63/00S E05C1/04
US: 292/341.18 292/57 292/DIG.6 292/DIG.60



Family:

Publication number	Publication date	Application number	Application date
GB2282842 A1	19950419	GB19930021111	19931013
GB9321111 A0	19931201	GB19930021111	19931013
US5352001 A	19941004	US19930136694	19931015

Priority:

GB19930021111 19931013 US19930136694 19931015

Probable Assignee:

SHIEH JIN REN

Assignee(s): (std):

SHIEH JIN REN

Assignee(s):

JIN REN SHIEH

Inventor(s): (std):

SHIEH JIN REN

Inventor(s):

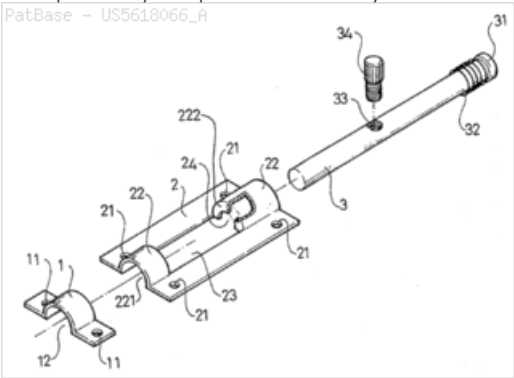
JIN REN SHIEH

Title: AUTOMATIC LATCH DEVICE

Abstract: Source: US5618066A A latch device includes a pin slidably engaged in a housing. The pin includes one end for engaging with a retainer so as to lock a door panel in place. A spring member is engaged between the pin and the housing and is made of shape memory alloy and is deformed to a shorter or longer length different from an original length so as to allow the pin to engage with the retainer. The spring member may be recovered to the original length so as to disengage the pin from the retainer when the spring member is heated such that the door panel may be opened automatically in a fire.

Classifications:

International (ipc 8-9): E05B47/00 E05B65/10 E05C1/04 (Advanced/Invention); E05B47/00 E05B65/10 E05C1/00 (Core/Invention)
International (ipc 1-7): E05C5/02
CPC: Y10S292/66 E05B47/0009 E05B65/104 E05C1/04 Y10T292/0869
European: E05B47/00A2 E05B65/10F E05C1/04
US: 292/62 292/DIG.66



Family:

Publication number	Publication date	Application number	Application date
US5618066 A	19970408	US19950555864	19951113

Priority:

US19950555864 19951113

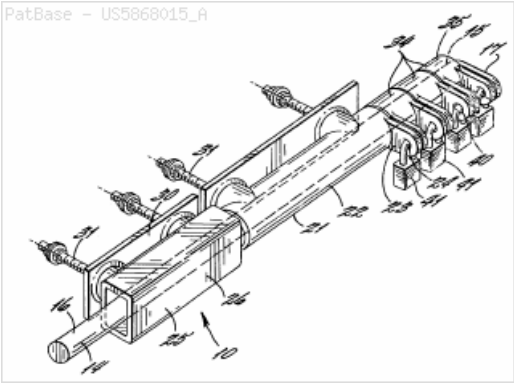
Probable Assignee: FU HSIANG CHEN
Assignee(s): FU HSIANG CHEN
Inventor(s): (std): FU HSIANG CHEN

Title: MULTIPLE ACCESS LOCKING DEVICE

Abstract: Source: US5868015A A multiple access locking device is provided which is capable of being opened by any different number of users. The device includes first and second receptacle members and an elongate locking bar which, when removed from the receptacle members, allows the receptacle members to be moved relative to each other. The first receptacle member includes a tab with an opening therein and the elongate locking bar includes a similar tab with an opening. A plurality of coupling segments are placed on the locking bar between the tabs of the first receptacle member and locking bar. The coupling segments are identically configured and define a pair of radially extending tabs each having an opening for receiving a lock. Accordingly, a plurality of locks is placed through the respective openings and any one lock can unlock the multiple access device.

Classifications:

International (IPC 8-9): E05B67/38 (Advanced/Invention); E05B35/08 E05B65/00 E05C1/04 (Advanced/Non-invention); E05B67/00 (Core/Invention); E05B35/00 E05B65/00 E05C1/00 (Core/Non-invention)
International (IPC 1-7): E05B39/02 E05B65/06
CPC: Y10S70/56 E05B67/383 E05B35/08 E05B65/0007 E05C1/04 Y10T70/5319 Y10T292/1025 Y10T292/62
European: E05B67/38B P05B35/08 P05B65/00B P05C1/04
US: 292/148 292/337 70/129 70/DIG.56 701/290 D8/341



Family:

Publication number	Publication date	Application number	Application date
US5868015 A	19990209	US19970908992	19970808

Priority:

US19970908992 19970808

Probable Assignee:

STYMILOCK LLC

Assignee(s): (std):

EAKER DAVID ANDREW

Assignee(s):

STYMILOCK LLC

Inventor(s): (std):

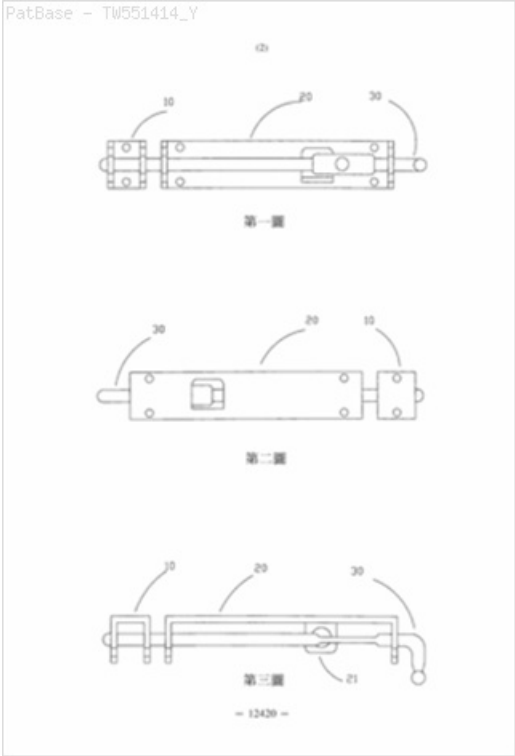
EAKER DAVID ANDREW

Title: Improved door latch structure

Abstract: Source: TW551414Y

Machine translation: Provides one kind of door bolt improvement structure, it is 10 and the second door bolt fixed body 20 extends predestined affinity of department the piece in the first door bolt fixed body to form shape of the plum blossom, so as to the decoration custom knows the stereotypical door bolt structure, as soon as and has an audience with the emperor in the second door bolt fixed body 20 main bodies extends the piece to extend the direction ramming to form runs out piece 21, and in should run out on piece 21 to form the locking hole, so because of 30 inserts the door bar the first door bolt fixed body 10 forecited runs out with the second door bolt fixed body 20 bolt holes in and the door bar 30 flat 31 on locking hole 311 alignments piece 21On the locking hole, then puts on hangs a locking device kto prevent going in, but may have the custom to know the door bolt not to have the lock structure, may increase the lock security.

Classifications:
International (IPC 8-9): E05C 5/02 (Advanced/Invention);
E05C 5/00 (Core/Invention)
International (IPC 1-7): E05C 5/02



Family:

Publication number	Publication date	Application number	Application date
TW551414 Y	20030901	TW20010210507U	20010621

Priority:
TW20010210507U 20010621

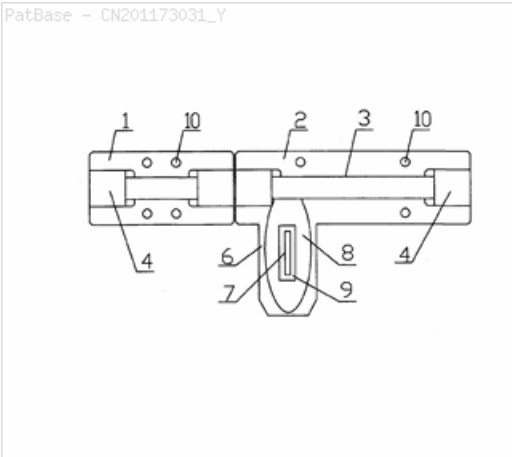
Probable Assignee: CPUMATE INC
Assignee(s): (std): CPUMATE INC
Inventor(s): (std): PENG SHIOU LIAN

Title: Door lock

Abstract: Source: CN201173031Y The utility model relates to a door bolt of a door and window matching component of a building, which can be locked and comprises a sub-seat which is fixed on a door frame, a mother-seat which is fixed on a door leaf, a bolt body, a locking plate and the like, wherein integral bolt sleeves which are formed through mechanically punching are respectively arranged on the sub-seat and the mother-seat, a bolt plate is arranged on the middle portion of the bolt body in the vertical direction, a bolt plate hole is arranged on the bolt plate, a locking piece is arranged on the locking plate, a locking hole is arranged on the locking piece, and the bolt body which is arranged in the bolt sleeve of the mother-seat is traversed through the bolt sleeve of the sub-seat, thereby the opening and the closing of the door bolt which can be locked can be realized. The sub-seat and the bolt sleeve which is arranged on the sub-seat of the utility model are combined into a whole. The mother-seat and the bolt sleeve which is arranged on the mother-seat of the utility model are also combined into a whole, thereby the door bolt has beautiful appearance, and is firm and durable, the locking plate and the mother-seat are connected into an integral structure, thereby the assembly and the contraposition are easy, and the anti-prizing performance is greatly improved. The utility model has the advantages that the replacement of the lock is convenient, the cost is low, and the door bolt is easily popularized.

Classifications:

International (IPC 8-9): E05B67/38 E05C1/04
E05C19/08 (Advanced/Invention);
E05B67/00 E05C1/00 E05C19/00 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN201173031 Y	20081231	CN200820042563U	20080103

Priority:

CN200820042563U 20080103

Probable Assignee:

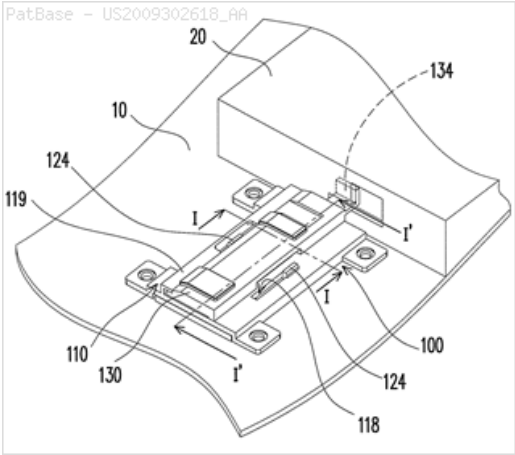
Assignee(s): (std):	YONGMING ZHU
Assignee(s):	YONGMING ZHU
Inventor(s): (std):	ZHU YONGMING
Inventor(s):	YONGMING ZHU
Inventor(s):	ZHU YONGMING

Title: LOCKING DEVICE

Abstract: Source: US2009302618A A locking device disposed on a casing and suitable for buckling up with a detachable object is provided. The locking device includes a base, an actuating element, and a driven latch. The base has a body fixed at the casing and a first slide track passing through the body. The actuating element has a first sliding block passing through the body and moves between a first position and a second position along a first axis via the first sliding block slidingly connected to the first slide track. The driven latch is slidingly disposed at the base and slides between a third position and a fourth position along a second axis. The driven latch and the actuating element are located at two opposite sides of the base. The driven latch has a second slide track and a locking portion. The first sliding block is slidingly connected to the second slide track.

Classifications:

International (IPC 8-9): E05C 1/04 H05K 7/14 (Advanced/Invention);
E05C 1/00 (Core/Invention);
H05K 7/14 (Core/Non-invention)
CPC: E05C 1/06 G06F 1/1613 G06F 1/1656 H01M 2/1022 H04M 1/0262
Y10T 292/0986 Y10T 292/1028
European: E05C 1/06 G06F 1/16P G06F 1/16P9E H01M 2/10C2
H04M 1/02A14B Y02E 60/12
US: 292/150 292/150P 292/169.18



Family:

Publication number	Publication date	Application number	Application date
TW200952605 A	20091216	TW20080121566	20080610
TWI345442 B	20110711	TW20080121566	20080610
US2009302618 AA	20091210	US20080336551	20081217
US8480137 BB	20130709	US20080336551	20081217

Priority:

TW20080121566 20080610

Probable Assignee: COMPAL ELECTRONICS INC

Assignee(s): (std): CHEN HUNG CHI ; COMPAL ELECTRONICS INC ; HUA CHUNG CHENG ; LAI CHONG KUO ; TSAO CHIA TE

Inventor(s): (std): CHEN HUNG CHI ; HUA CHUNG CHENG ; LAI CHONG KUO ; TSAO CHIA TE

Agent(s): JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE; JIANQ CHYUN IP OFFICE

Title: LOCKING DEVICE

Abstract: Source: US2010180511A The invention relates to a locking device (11) with a bolt part (13) and a lock part (15) for arrangement on a room-closing element having an opening and a door (17) closing the opening. The bolt part (13) has a longitudinal guiding device (25) and a bolt (23) that can be displaced in a longitudinal displacement direction (21) with respect to the longitudinal guiding device (25). The lock part (15) has a receiving opening (29) for receiving a first end of the bolt (23). The bolt part (13) has in addition to the longitudinal guiding device (25) a transverse guiding device. Spring means (39), which are in active engagement with the longitudinal guiding device (25) and the transverse guiding device cushion a displacement of the bolt (23) in a transverse adjustment direction (47). The adjustment direction (47) is directed transversely to the displacement direction (21) of the bolt (23) and parallel to the door plane and is defined by the transverse guiding device (34).

Classifications:

International (IPC 8-9): E05B15/02 E05B15/04 E05B15/10 E05B45/06 E05B47/00 E05B63/00 E05B63/08 E05B65/00 E05B65/06 E05C1/02 E05C1/04 E05C1/08 E05C1/16

E06B3/70 (Advanced/Invention);

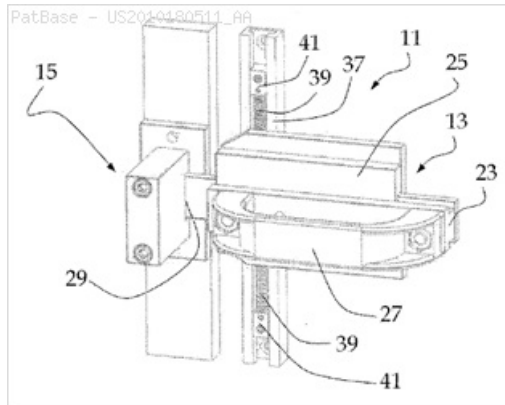
E05B15/00 E05B45/00 E05B47/00 E05B63/00 E05B65/00 E05B65/06 E05C1/00 E06B3/70 (Core/Invention)

CPC: Y10T70/5155 Y10T292/096 Y10T292/0969 Y10T292/102

E05C1/04 E05B15/02 E05B15/022 E05B15/024 E05B45/06 E05B63/0056

European: E05B15/02 E05B15/02E2 E05B15/02E4 E05B45/06 E05B63/00S E05C1/04 P05B45/06 P05C1/04

US: 292/137 292/143 292/163 292/163S 49/449 49/501 49/501P 70/91 70/91S

**Family:**

Publication number	Publication date	Application number	Application date
CH700306 A1	20100730	CH20090000099	20090122
CN101798890 A	20100811	CN201010113252	20100122
CN101798890 B	20130925	CN201010113252	20100122
EP2211004 A1	20100728	EP20090180942	20091230
EP2211004 B1	20120725	EP20090180942	20091230
ES2396497 T3	20130222	ES20090180942T	20091230
JP2010168896 A2	20100805	JP20100011804	20100122
JP5584481 B2	20140903	JP20100011804	20100122
US2010180511 AA	20100722	US20100688149	20100115
US8272169 BB	20120925	US20100688149	20100115

Priority:

CH20090000099 20090122

Probable Assignee: PILZ AUSLANDSBETEILIGUNGEN GMBH

Assignee(s): (std): MAHDI FOUAD ; PILZ AUSLANDSBETBILIGUNGEN GMBH ; PILZ AUSLANDSBETEILIGUNGEN GMB ; PILZ AUSLANDSBETEILIGUNGEN GMBH

Inventor(s): (std): FOUAD MAHDI ; MAHDI FOUAD

Agent(s): WALDER MARTIN BERNHARD; HASLER ERICH; URIZAR JESUS MARIA; MORRISS OBRYANT COMPAGNI PC

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Title: GATE LATCH

Abstract: Source: US7878558B The present apparatus relates to a gate latch mechanism. The gate latch comprises at least two housings wherein the first housing is mountable to a stationary object such as an existing fence or structure and the second housing is mountable to a moveable object such as a gate. In some cases it may be useful to mount the first housing to the moveable object and likewise mount the second housing to the stationary object. In one embodiment, the first housing comprises a back plate hingedly connected to two front plates angled outwardly from the back plate and the second housing comprises a latchable mechanism comprising a rod.

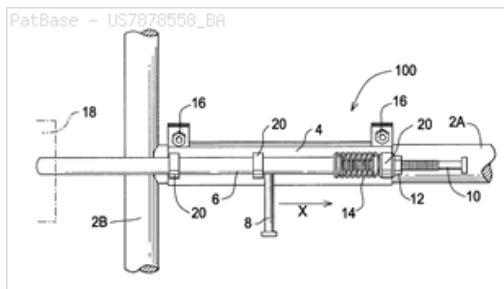
Classifications:

International (IPC 8-9): E05C 19/06 (Advanced/Invention);
E05B 15/02 (Advanced/Non-invention)

CPC: E05B 65/0007 E05B 15/022 E05B 53/001 E05B 63/24 E05B 63/244
E05C 1/04 E05C 19/02 Y10T 292/0894 Y10T 292/0969 Y10T 292/68
Y10T 292/696 Y10T 292/702

European: E05B 15/02E2 E05B 53/00B E05B 63/24 E05B 63/24C
E05B 65/00B E05C 1/04 P05C 19/02

US: 292/163 292/340 292/341.15 292/341.17 292/80

**Family:**

Publication number	Publication date	Application number	Application date
US7878558 BA	20110201	US20070925612	20071026

Priority:

US20060863057P 20061026

US20070925612 20071026

Probable Assignee:

BELL WILLIAM RUSSELL

Assignee(s): (std):

BELL WILLIAM RUSSELL

Inventor(s): (std):

BELL WILLIAM RUSSELL

Agent(s):

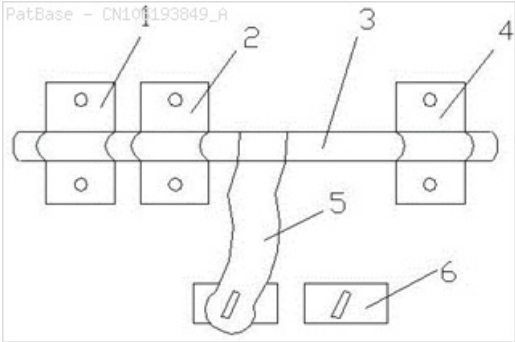
A LAW FIRM PC

Title: MULTIFUNCTIONAL LOCATING PIN

Abstract: Source: CN106193849A The invention discloses a multifunctional locating pin. The multifunctional locating pin comprises a pin rod, a first fixing sheet, a second fixing sheet, a third fixing sheet, a connecting sheet and fixed locking sheets, wherein the first fixing sheet, the second fixing sheet and the third fixing sheet are arranged in parallel, the pin rod is connected to the first fixing sheet, the second fixing sheet and the third fixing sheet and is provided with the connecting sheet, the connecting sheet separates the first fixing sheet and the second fixing sheet from the third fixing sheet, and the two side-by-side fixed locking sheets are arranged at the bottom of the connecting sheet. The locating pin can realize the locking effect through the fixed locking sheets and can be fixed after opened, the pin rod is prevented from falling, operation is simple, use is convenient, and the appearance design is attractive.

Classifications:

International (IPC 8-9): E05C 1/04 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN106193849 A	20161207	CN201610738797	20160829

Priority:

CN201610738797 20160829

Probable Assignee: SUZHOU CHENGPIN PREC MACHINERY CO LTD

Assignee(s): (std): SUZHOU CHENGPIN PREC MACHINERY CO LTD

Assignee(s): SUZHOU CHENGPIN PRECISION MACHINERY CO ; SUZHOU ESLITE PRECISION MACHINERY CO LTD

Inventor(s): (std): YANG JIANHUA