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29907931.7 1999 05 04 (DE)
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(73) , () 22060, 10

(72) , 22060, ,30.

(74)

:

(54)

(pushing rod, 7) (3) (housing, 8)
, (7, 18, 19)가 (8) (guides, 15, 17) (braking retardation apparatus)
(section) , (8) (gear rack, 19)
(pinion, 26) , (rotary shock absorber, 25)
.

1

, , rotary shock absorber.

1

가 /

2 , 가 1

,

3 가 2 ,
 4 3 A ,
 5 ,
 6 5 ,
 7 가 ,
 8 /
 9 가 ,
 10 9 .
 *
 1: 2:
 3: 4:
 5: 6:
 7: 8:
 9: 10:
 11: 12:
 13: 14:
 15: 16:
 17: 18:
 19: 20:
 21: 22:
 23: 24:
 25: 26:
 30: 31:
 32: 33:
 34: 35:
 36: 37:
 38: 39:
 40: 41:
 42: 50:
 51: 52:
 53: 54:
 55: 56:
 57:

(housing) (push rod) ,
 (a braking retardation apparatus) .
 (absorption apparatus) , 가
 , 가 가 , 가
 , 가 , (fl
 ap)
 DE 197 17 937 A1 가 가 가
 , 가 , 가
 , 가

[illegible]

(8) (14) 가 (7) (15) ,
 (16) (7) (pin - shape part, 18)가 (17) 가 .
 (7) (8) (gear rack section, 19) (19)
 가 , (18) , (18) (19)
 (17) (20) (17) (18)
 (21)가 , (21) (7) (16)
 .
 (absorbing material) (22) (7) .
 (23) (rotary shock absorber, 25) (24) , (19)
 (25) (26) (26) (7) 가
 2 (26) (25) , (26) (freewheel) ,
 (7) (7) 가 , (25) (20)
 (7) (20) , (3)
 .
 2 가 5 7 ((
) 가 (30) (31) ,
 (31) (가) (30)
 가 , (30)
 (cylinder chamber) 가 ,
 (bar) (annular opening) , (valve flap)
 (valve body) 가 , 가 ,
 가 , (valve seat) , 가
 (throttle) .
 5 7
 (31) , (32) , (33) (31)
 .
 (33) (link hinges, 34) (35) (36)
 (blind borehole, 37) , (37)
 (threaded sleeve, 38)가 (38) (39)가 ,
 (39) (40) (30)가 (37) ,
 . (circumferential annular flange, 42)가 (41)가
 (31)가 , (31) (32) (41)
 .
 (33)
 (31) ,
 8 , (58) (50) 가 (50) , A
 , (59) A , (53) (50) A
 , (50) , A
 .
 9 , A
 50) (51) (54)가 (51) ((
 . (front flange, 52)가 (53)가
 (clearance, 55) 가 ,
 (56)가
 10 (50) 가 .
 (57) , (57) 가 . 9
 가 , (52)가 (50)
 (51) (54) .

(57)

1.

(housing, 8) (push rod, 7) (3)

(braking retardation device)

(7)가 (14,16) (17) (15) (8)

(gear rack, 19) (section)

(rotary shock absorber, 25) (pinion, 26)

2.

1 (7)가, 가 (20)

3.

1 2 (25) 가 가

4.

5.

1 2 (7) (18) (16) (gear rack section, 19) (20)

6.

(absorbing force)

가 가

(30) 가 (31) (30)

valve)가 (30) (32) (passage (31))

(30)가 (58) (57)

7.

6 (32)

8.

6 7 (30)가 (37) (39)

) (40) (39) (37) (38) (39)

9.

6 7 (42)가 (41)가 (37)

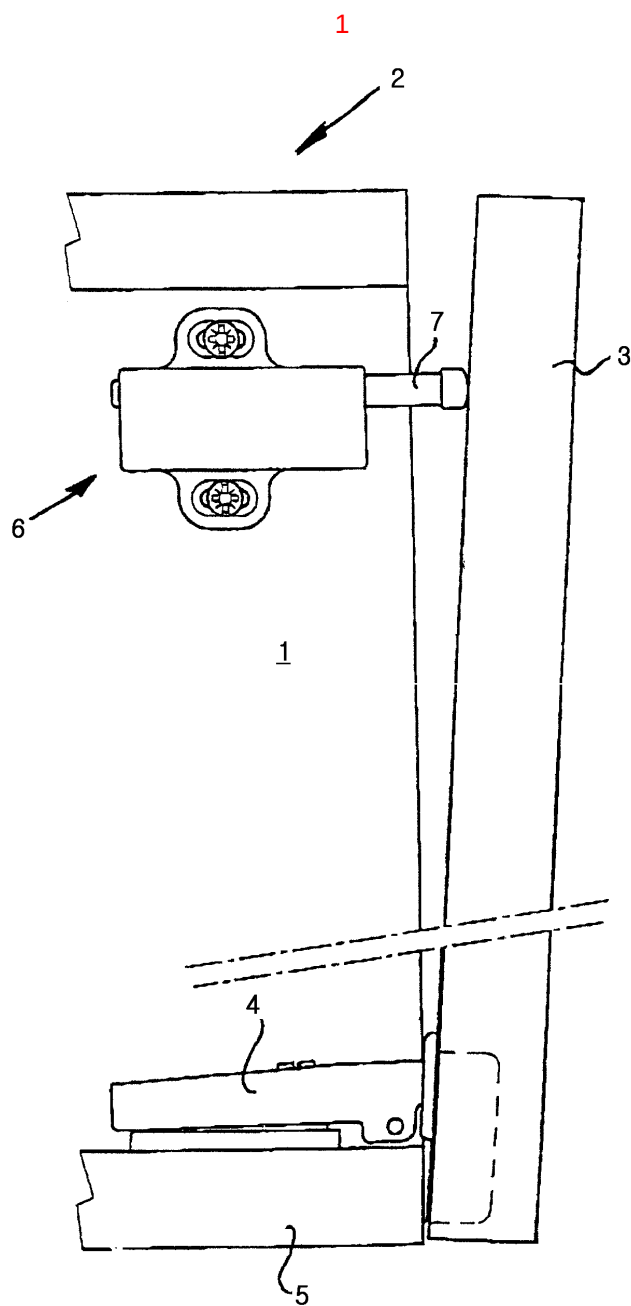
10.

1 (8) (58) (57)

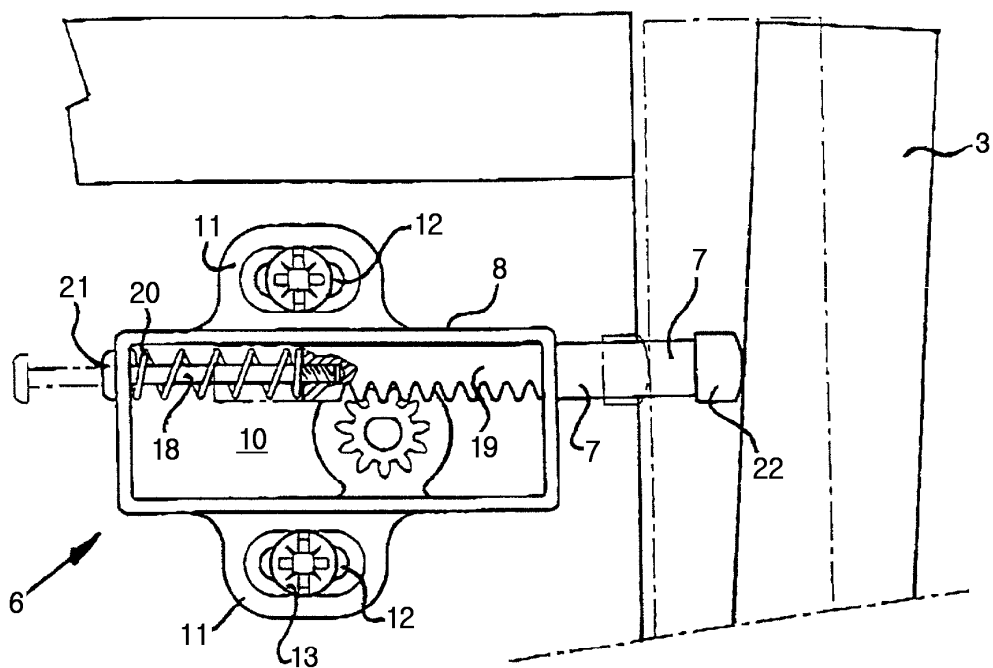
11.

12.

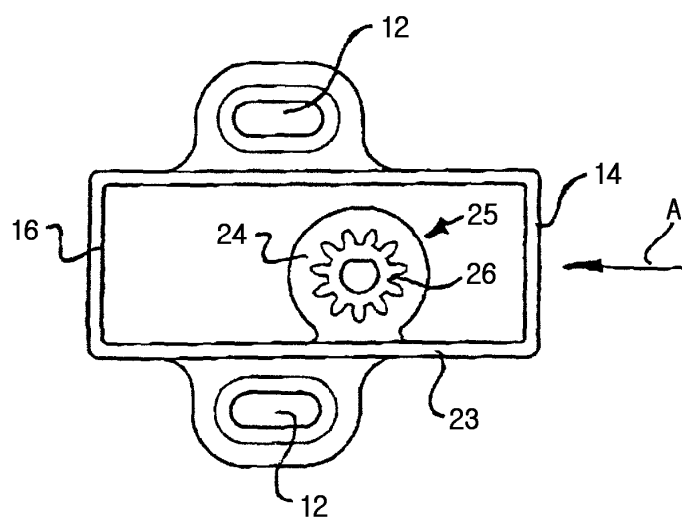
1 (8) (10) (12) 가(11)가



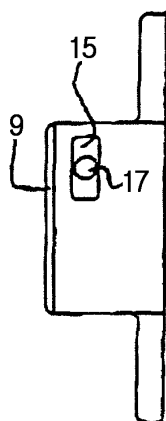
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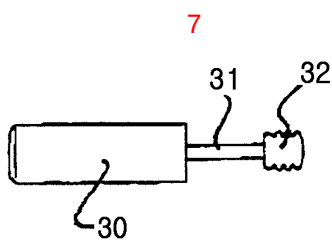
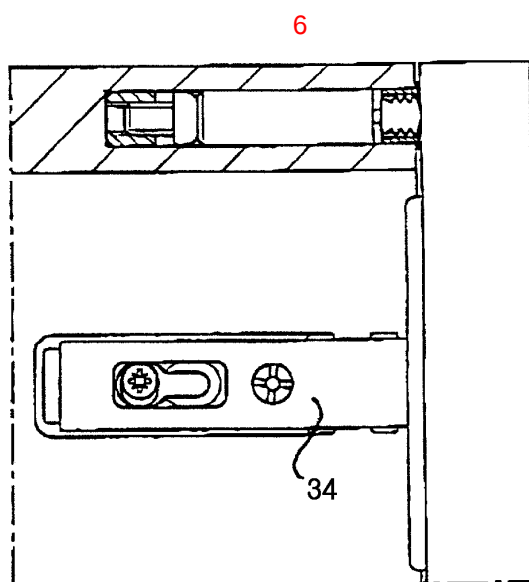
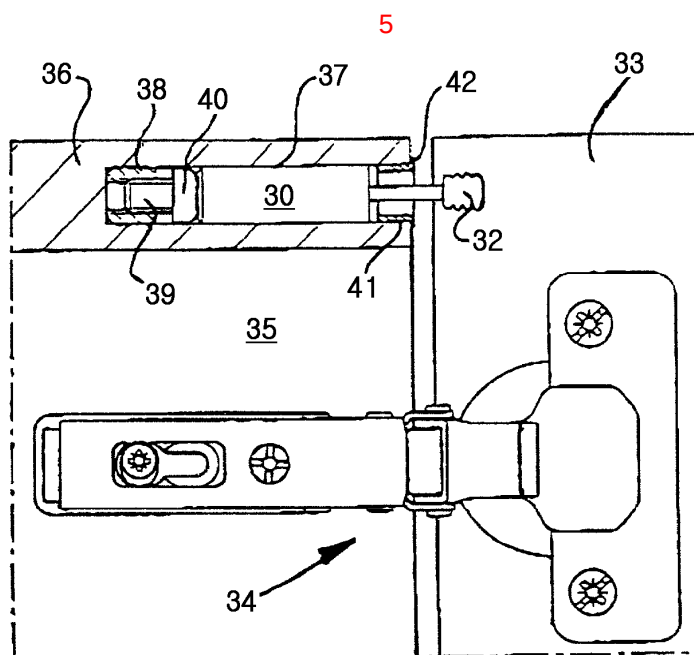


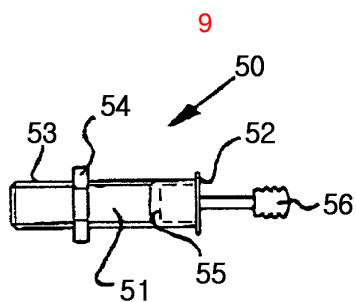
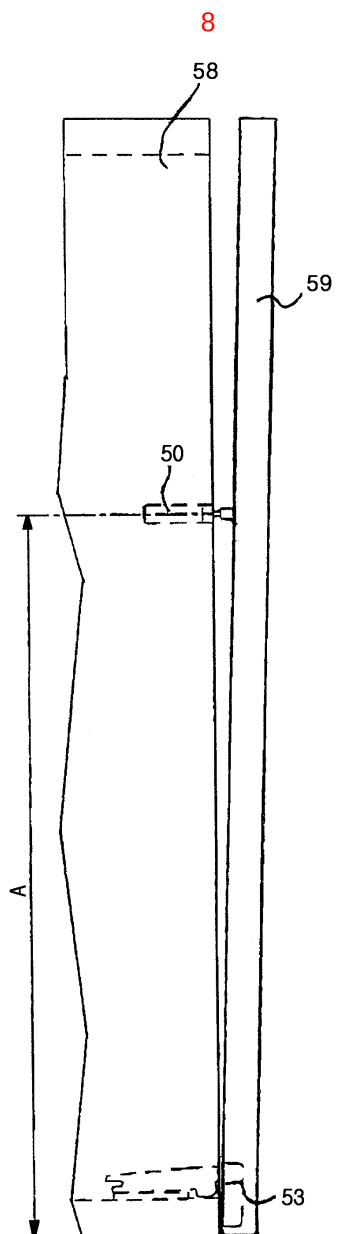
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