

(19) (KR)
(12) (A)

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B63H 23/00

(11)
(43)

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2003 06 25

(21) 10-2002-0080724
(22) 2002 12 17

(30) 10/023,464 2001 12 17 (US)

(71) (: 75116) 25

(72) 227 2

226 31

(74)

:

(54)

(waterborne vessel) (2) (4) (1) , (10) (2) (4) ,

2a

, , , , ,

1a 1

1b 1a

2a 2

1

, 가

, 1 2
가

1 , 2

)

(

✓ Stop - Choc

가

2

가

(limiting mechanism)

1 2

1.0 1.5mm
2mm

0.5mm, 1mm, 2mm, 3mm, 4mm, 5mm
가

가

가

(extended portions)

2

(,) 가 . (/) 가 , (4)) , (16) 가 (16) , (30,32) (18/22) /
 (2) (2) (4) 가 / (16) (18/22)
 , (30,32) (4) 가 (26) .

2 1a, 1b 3 , 1
(8) 4 (10) 가 (4)

) . (38) (42) (4) (8) (40)
(38) (42) () (40) (52) 가 (40) (44) (38) (42)
(52) (38) () (52) (40) (54) (54)
3 , (40) (42)
(59) (38) (44) (42)
(55) (57,59) (57) (44) (44) (55)
(46) , 1 (48) (59) (55)
(56) (2) (58) , , (X)
) (46) (52) 가 (2) (4) (48) ,
(58) (46) (52) 가 (2) (4) (48) (44)
(2) (4) (55) (42) (50) (42)
(55) (48) (42) (48) (55)
(sandwich)

3 1 2 가 , (42)
1 2 .
가

(woven metallic nature) , SL1 4LR
Stop-Choc(www.stopchoc.co.uk) . 가
, 6 50H
, 50Hz 가 ,
, 가 50Hz ,
,

5 (PODs) 4 8 (dB)
 5(1) 20MW / 가 (5(1) 5(4)) 5(2) PWM
 20MW ; 5(3) PWM (POD) 28MW ; 28MW ;
 5(4) (pod) ; 4

2

가

(57)

1.

(1) , :

(4) (10) (2) ,

2.

(1) , :

(4) (2) , (10)
 (16) (30,32) 2 (18,22,28) 1 2
 (30,32) (2) 1

3.

2 ,

4.

3 ,

5.

1 4 , 2

6.

1 5 , 20Hz 50Hz

7.

1 6 ,

8.

1 7 ,

9.

1 8 , PWM(pulse width modulated)

가

10.

1 9

,

11.

9

1 2

12.

11

0.5mm 2mm

13.

12

1.0mm 1.5mm

14.

1 13

,

15.

1 14

,

16.

1 15

,

17.

14 15

,

18.

1 14

,

19.

18

,

20.

1 17

,

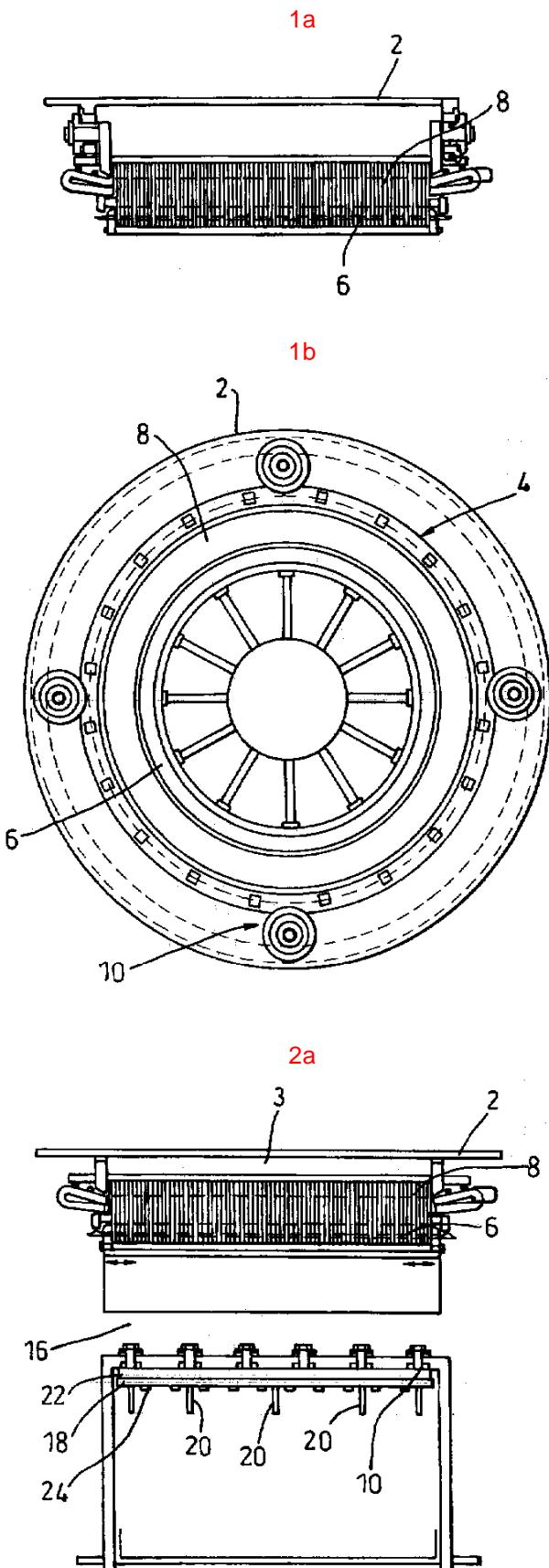
21.

1 20

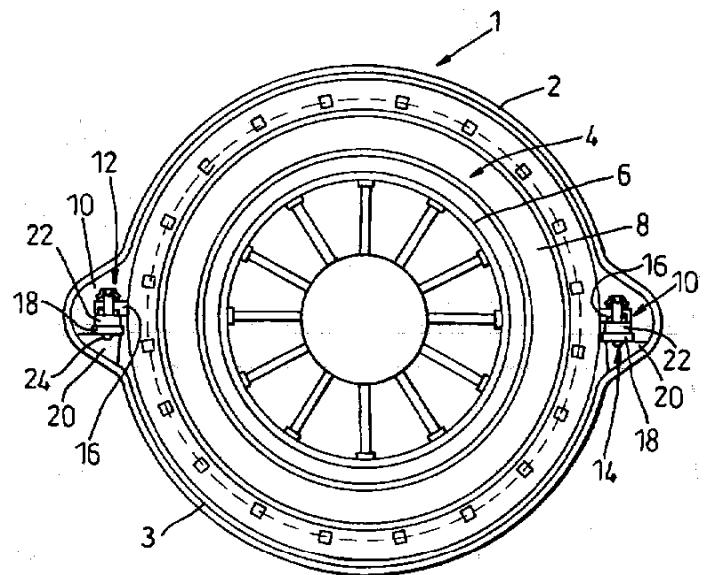
,

가 가

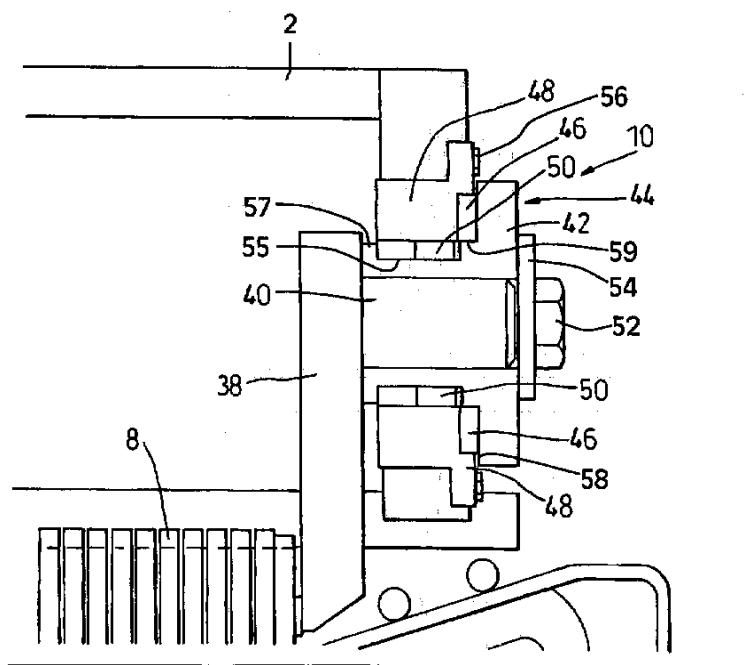
(stiffness) 가



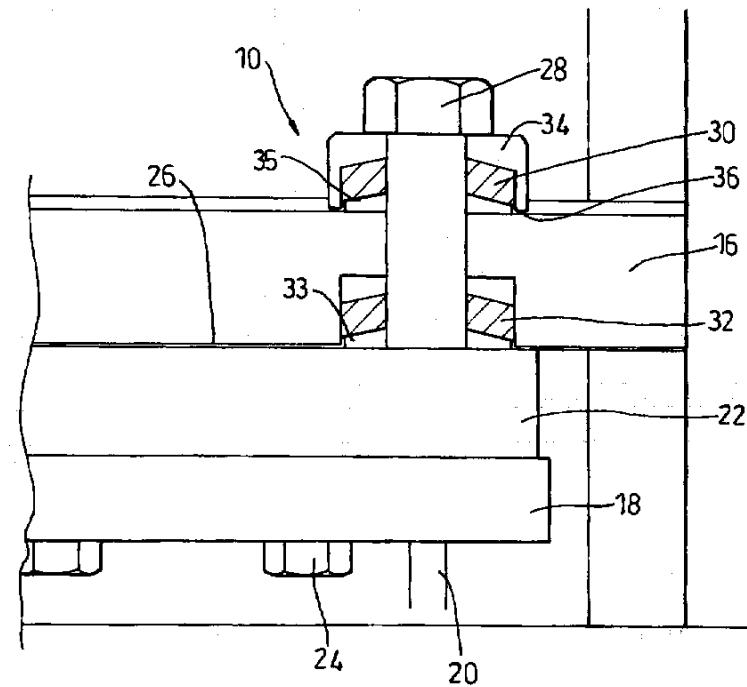
2b



3



4



5

노이즈 수준 대비

