

(19)
(12)

(KR)
(A)

(51) 。 Int. Cl. ⁷
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(11)
(43)

2002 - 0024430
2002 03 30

(21) 10 - 2000 - 0056173
(22) 2000 09 25

(71)

555

(72)

503 - 602

2 1337 - 2

1 APT111 - 403

APT2 - 406

524 - 106

(74)

:

(54)

1

2

3

1

3

1

2(a),(b)

3

4

5(a) 4 B - B'

5(b) 4 C - C'

6

7(a)

7(b)

8

9 3 A - A'

10

11

12

가

13

< >

100 : 200 :

210 : (Damper) 300 : 2

400 : 3 500 :

600 : 610 :

620 : 700 :

710 : 800 :

810 : (Edge) 900 :

910 : 1000 :

1

(40) (20) , 2 가 2 (30) , 3 1 가 3

(21) , (60), (50) , (20) 가 (80)가 (20) (

100) (20) 2 3 (30),(40) (旋廻流)

가 (20)

5,832,847 5,829,367² 5,829,369²

2
(HCN) (NH3)가 (NOx) (HCN) (NH3)
(HCN) (NH3)가
가 2

3가²
가 (過濃狀態)

가

가
가

가

(環形)

가

가

(偏向)²

(20)

5,937,770

5,937,770

가 (throat)

가

가 (20) (50)
가

2

가

1

2 3

가

가

3

0) (200) (100) (20)
() (200) 1

(200) (200) 2 3 (300),(400)가
1 가

(200) (600) 4 (600)가

(600) ,

가 (610) (620) (600)

(600) 가

(600) 1

(600)

5(a) 5(b)

(300),(400)

2 3 (1000)

가 가 (200)

(500) 가 (200) (

200)

(500) (700)가

(600) (空桐化)

(200) (

700)

(過濃帶) 가 가

(700) (600) 가 (7

10)

(200) 6 가 (900)

가

(900) 6 8

(910) (900) (900) (910)

(910) (500) (900)

(900) (500)

(910) (910) 0.5 (200)

(800)가 (200) 2 (300) (210)가 ,

, (800) 10 (810) (810)

(810) (810)

2 (810) (810)

(800)

11 (800)

(200)

(200) (600) (700), (800) 가 (600)

가 (700) (空洞領域)

가 (200) (800) () 가

, (100) ()

1 (200) (200)

(600)가 (610),(620)

가

(600) (610),(620) 1 가

(600) 1

(600)

, (200) 9 (500)

(900) (900)

(500) 가

, 가 (900) (200)

(200) (500) 가

, (600) (200) (700) (710) 가

, (200) 가

, 가 가 (200) (

800)

(200) (800)

(810) (810) 가 2

(810) 가

(200)

13

가

가

12

가 가

1

(200)

2

3

(300),(400)

(200)

()

()

가

2

3

(300),(400)

(1000)

(1200)

2,3

(200)

1

2

2

3

(200)

1

가

(300),(400)

(HCN)

(NH3)가
가

1

(57)

1.

1

, ' 2 3

2.

1 , 1

3.

1 , 1

4.

2 3 , 가 2 ,3 4 가

5.

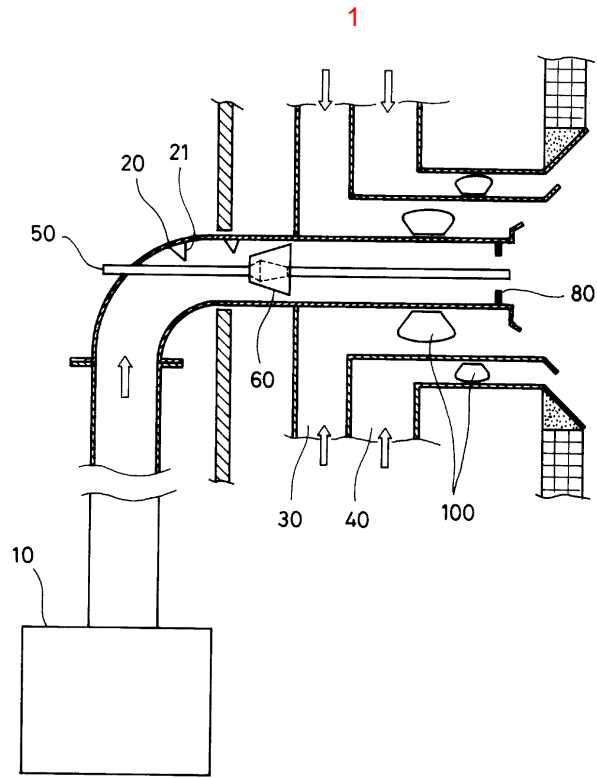
1 ,

6.

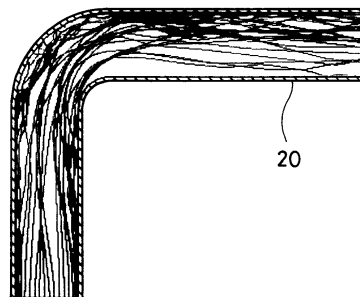
1 ,

7.

1 6 , 0.5

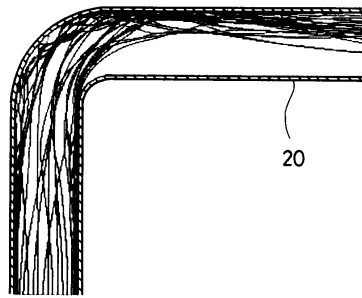


2a



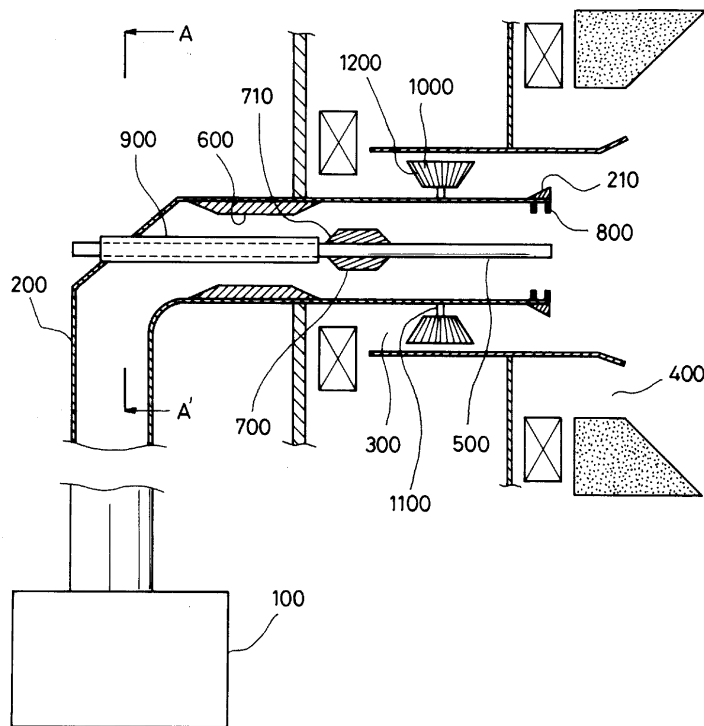
50 μm 입자 궤적

2b

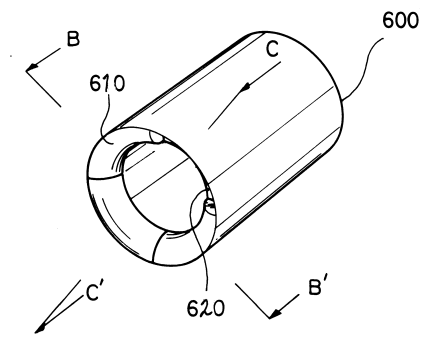


100 μm 입자 궤적

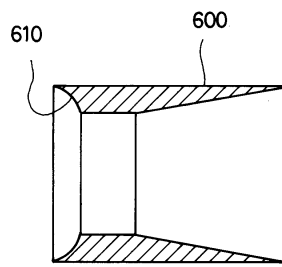
3



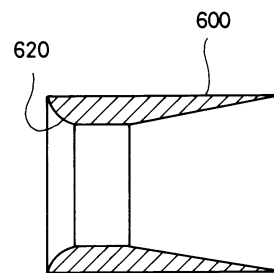
4



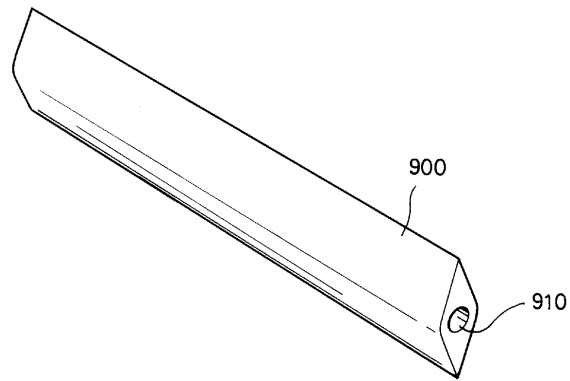
5a



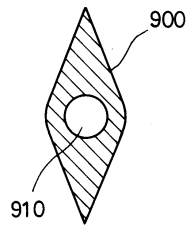
5b



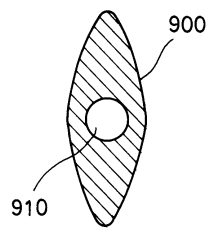
6



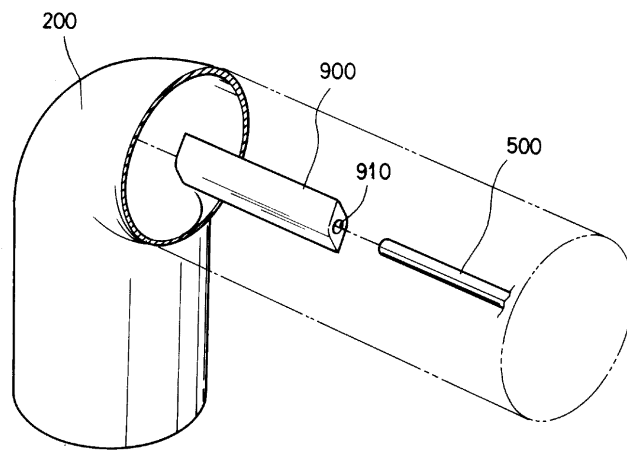
7a



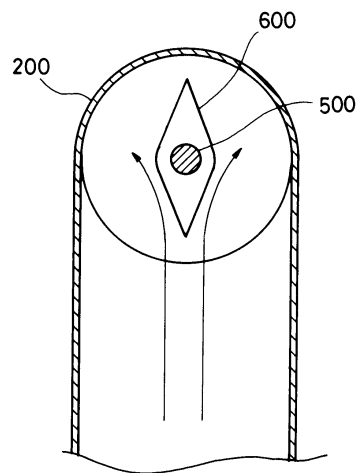
7b



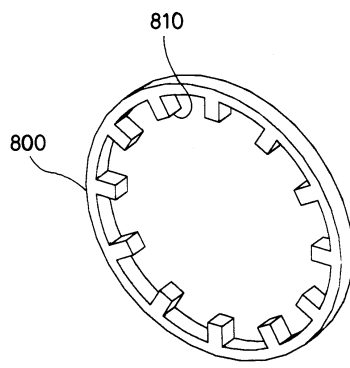
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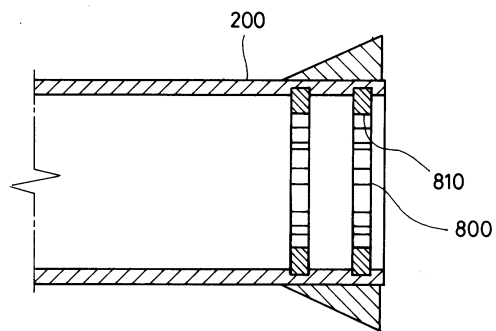
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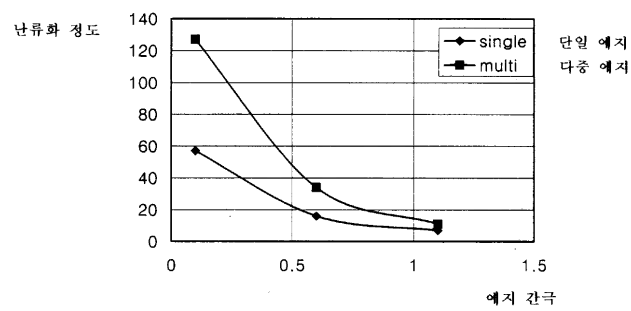
10



11



12



13

