

(19)
(12)

(KR)
(A)

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B01D 39/16

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(43)

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2002 06 24

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(87)	2001 04 26

[illegible]

(30)	09/422,039	1999 10 20	(US)
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(71)

. . 2245 101(:07962 - 2245)

(72)

95370	16525
95037	17040
95050	10
95050	2061
07960	36
07836	150
08822	430
95030	가 17721

(74)

:

(54)

- 가 .

.

.

(

)

가 .

5,057,368

3 T (lobe)

;

가
(mobility)가
(multilobe)
(wicking)

(: 5,759,394).

가 가 2
(: 5,8
91,221 5,704,966).

가

(10-1)가

$$3 \quad 2 \quad .$$

$$\frac{4}{\text{reakthrough}} \quad \frac{2}{\text{.}} \quad \text{(contaminant b)}$$

6 5 .

1	(2)	(2)	가	
,	5,057,368	,		(sp
innerate)		(2)	(4)	3 (6)
가	(6)	(6)	(8)	(6)
(8)	(10)	(2)		
(2)				
(8)	(10)		(10)	

(2) , (2) (10) 2 (12)
 (2) (10) (100) (12)
 (2) (100) (10) (wicking) , (10)
 가 (100) (2) , (2)
 (12) (12) (10) (10)

(12) (12) (atomizer) (12) (dropper)

(10) 가 - ,
(),
3 , 가 . (12)
(coordinating agent), (entrapping agent)

$$\begin{array}{ccccccc} 3 & & (100) & & . & & (2) & & & & (10) \\ 0) & & . & & , & & (10) & & & & (2) & & , \end{array}$$

, (2) 100% (10) 25% 125%
 (2) , (12)
 . (12) (10) , ,
 , (100) (12)
 . (2) () (12)
 , , 가 , (12)
 , () , (12) (10)
 , (2) (10) . , (12) (10)
 .

(100)

, , ,
 , n - (12) (100) , NH₃ (,
 - 2 - (NMP)) (100) 가 (12)
 (2) , ()
 , (12) . (12) 가
 , (12) (2) (10) 가
 . (12)

가 (12) (2)
 가 2 (12) , (100)
 90ppm 가 4 . 3 ,
 3 50% 23
 150ft/min %
 , %
 %

4 , A (12) (2) B C
 . B C가 (2) - (12)
 A - (2)가
 (100) B 3 (0% 120
 B 4% 40).

(2) (12) (100) , , (2)
 (100) (102) (18) 5
 , (100) (100)
 , (102) (18) , (100)
 , (100) (10)
 0) () , (100)가 (18) 가 가
 가 , (18) , (100) 가 (102)

(14) (16) . (102) ,

6 (100) 5 (102) . 6 , (100) (100')
 (100')
 ;
 1 N , (100')

, (2) ,
 (2),
 (2) .

(57)

1.

(, 가);
 ;
 ;

2.

1 , 가 (lobe) 가

3.

2 , 가 T .

4.

1 , 3 가 .

5.

(,

가);

가

,

•

25.

24 , 가

가

•

26.

24 , 가 T

•

27.

24 , 3 가

•

28.

24 ,

•

29.

24 , , , 가 .

30.

29 , 가 , ,

•

31.

29. , , , .

32.

31

33.

31

34.

45.

44 , 가 가

46.

44, 가 T.

47.

44, 3가 .

48.

44 , .

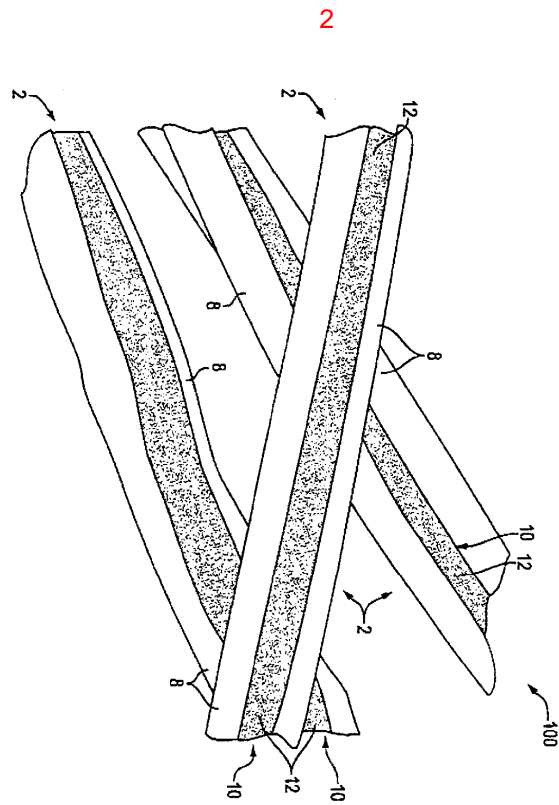
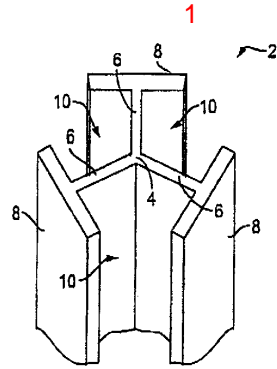
49.

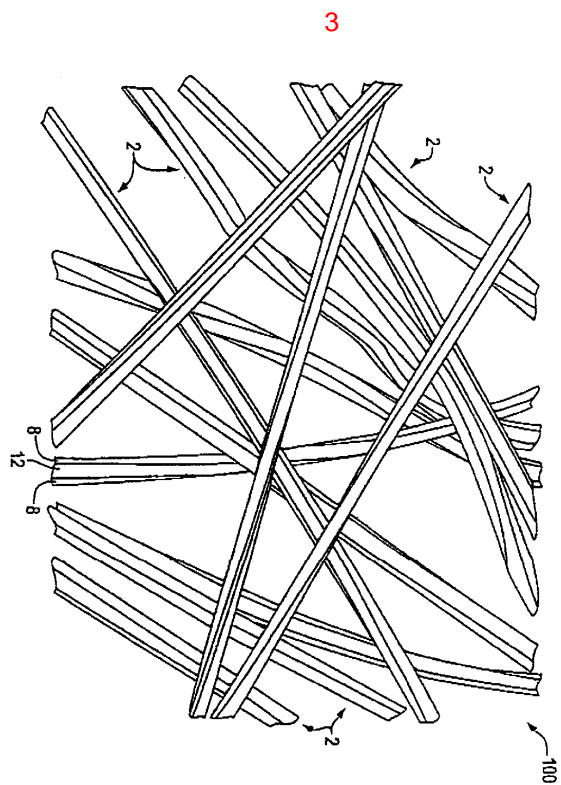
44 , .

50.

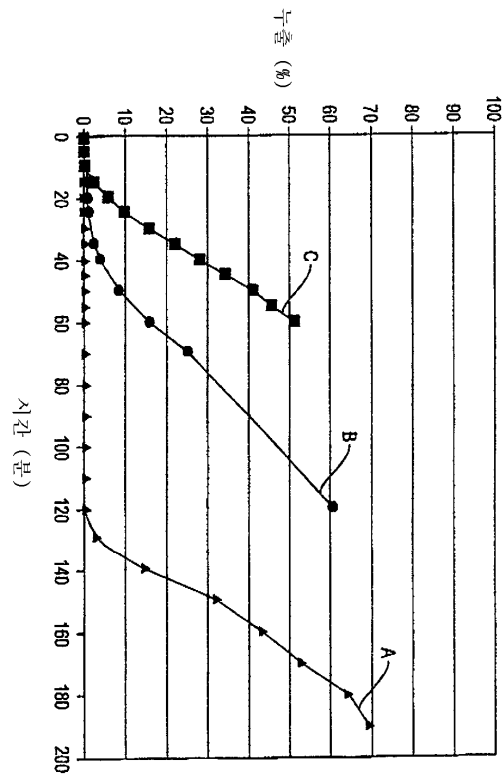
44

51.

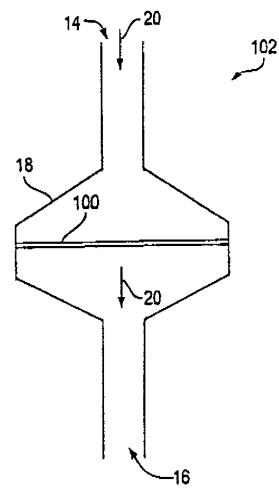




4



5



6

