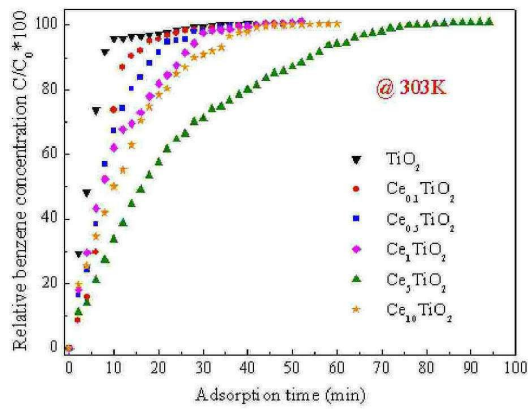


	(19) (12)	(KR) (A)	(11) (43)	10-2010-0039615 2010 04 16		
(51)	Int. Cl.		(71)			
	A62D 3/30 (2007.01) B01D 53/00 (2006.01)					
(21)	10-2008-0098652		(72)	2	29	
(22)	2008 10 08					
	2008 10 08					
			305-503	3		
			()			
			(74)			

(54)	
(57)	
	(VOCs, Volatile Organic Compound
s)	
	0.1 10
	,
	.
- 1	



(72)

1 1842-17

1172-11

773-1

302

210

2007-0471

()

2007 08 01 ~ 2008 07 31

1

, 0.1 10

2

1 ,

Ce(NO₃)₃6H₂O, -N- , , ,

3

1 ,

La(NO₃)₃6H₂O, -N- , , ,

4

1 ,

N- -N- , , ,

[0001]

[0002]

1980

[0003]

[0004]

[0005]

PRTR(POLLUTANT RELEASE AND TRANSFER REGISTER)
2004
REACH SYSTEM 2004 2
2004
5

[0006]

[0007]

[0008]

[0009]

0.1 10

[0010]

-N-

Ce(NO₃)₃6H₂O,

[0011]

-N-

La(NO₃)₃6H₂O,

[0012]

-N-

N-

[0013]

[0014]

[0015]

[illegible]

[illegible]

[0050] -N- , , 80
0.1 N- , 2
, 400

[0051] < 13>

[0052] 12 , 0.5
.

[0053] < 14>

[0054] 12 , 1.0
.

[0055] < 15>

[0056] 12 , 5.0
.

[0057] < 16>

[0058] 12 , 10.0
.

[0059] 1 16
1 .

[0060] , 200 2
(DEGASSING) MICROMERITIC ASAP 2020 ,
BRUNAUER-EMMETT-TELLER(BET) BARRET - JOY - HALENDA(BJH)

[0061] < 1>

구분	비표면적 (m ² /g)	기공부피 (cm ³ /g)	기공크기 (nm)
실시예1	35.77	0.0408	3.26
실시예2	53.31	0.1019	5.47
실시예3	77.83	0.1689	6.23
실시예4	79.08	0.1757	6.73
실시예5	94.49	0.2248	7.15
실시예6	67.86	0.2762	12.52
실시예7	46.51	0.0791	4.90
실시예8	78.48	0.1466	5.44
실시예9	74.06	0.1593	6.36
실시예10	105.66	0.2403	6.61
실시예11	74.93	0.3025	12.34
실시예12	69.21	0.1017	4.1373
실시예13	68.91	0.0962	3.9584
실시예14	97.93	0.1460	4.2738
실시예15	147.77	0.1336	3.0955
실시예16	139.96	0.1284	3.5267

[0062]

[0063] 1 ,

[0064] 1 () (=303K)

[0065] 2 () (=343K)

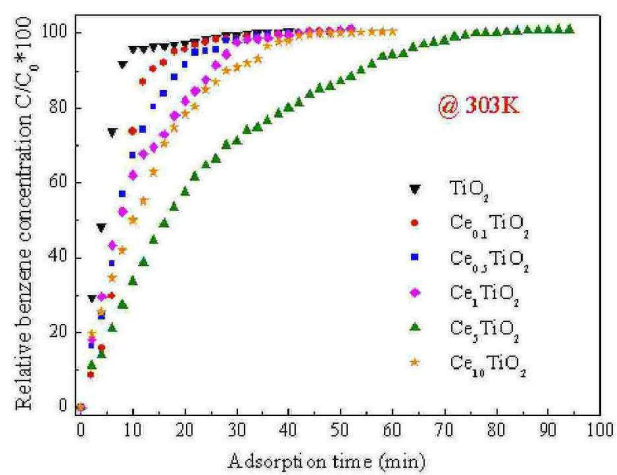
[0066] 3 () (=303K)

[0067] 4 () (=343K)

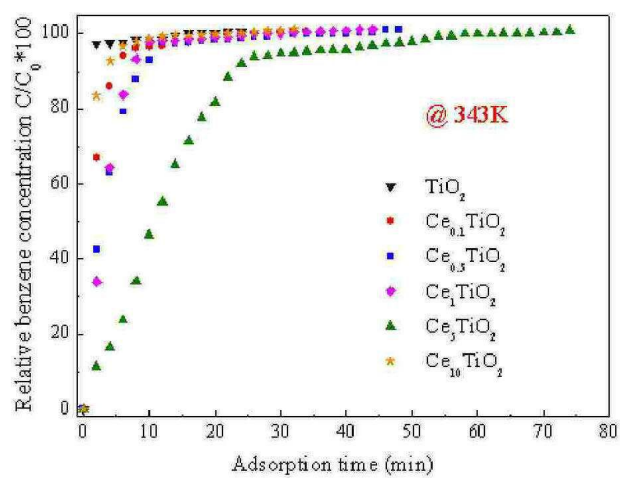
[0068] 5 () (=303K)

[0069] 5 () (=343K)

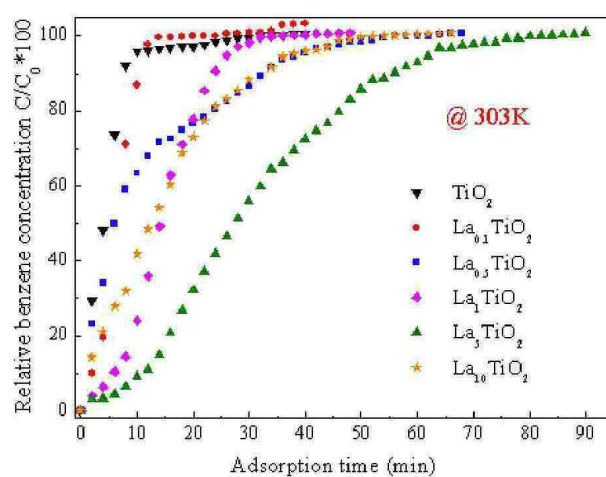
1



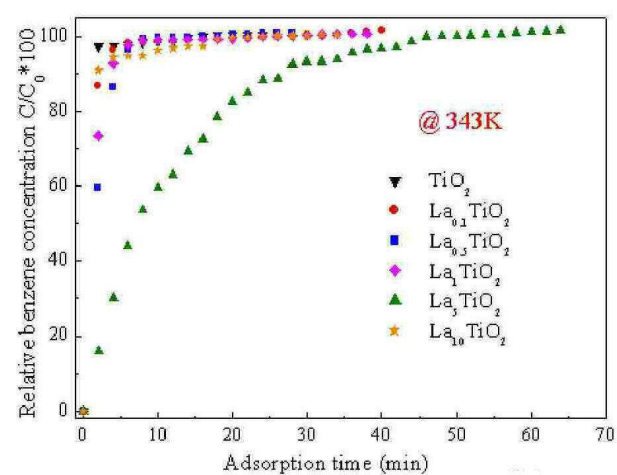
2



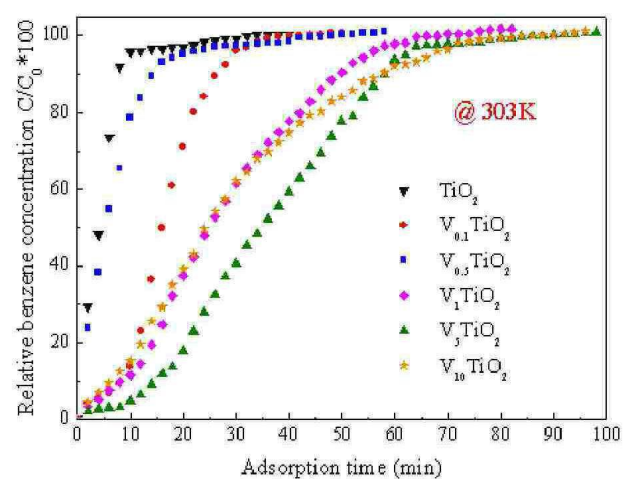
3



4



5



6

