



(19)

(12)

(KR)

(B1)

(45)

(11)

(24)

2010 04 21

10-0954233

2010 04 14

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(22) 2009 07 08
2009 07 08 2 2832
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KR1020060059237 A*
KR100780322 B1* 275-1
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(74)

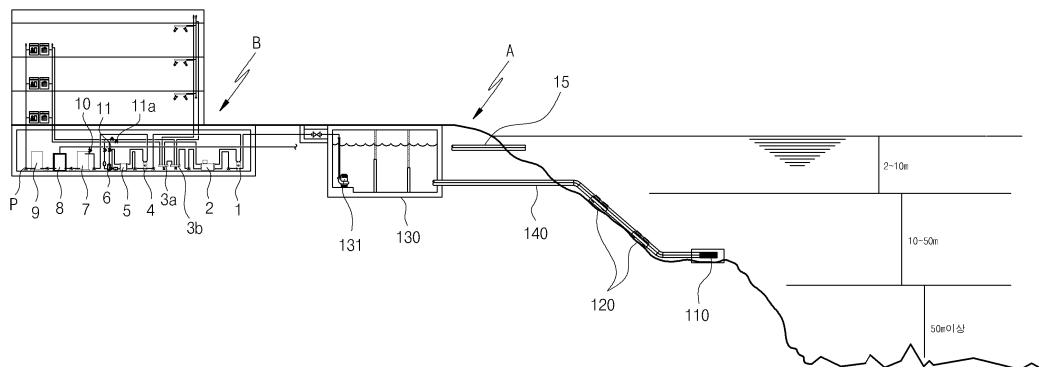
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(54)

(57)

()
() ()
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(A) (B) ,
 (A) (110) (140)() 5 50m
 ,
 (211)
 (314)
 (B) , (B) (A)
 (1) (2)
 ,
 (8)
 ,
 (B) (A)
 (2) (1), (1)
 () (3a) (3b) (2),
 FCU(13)
 (2) () FCU(13)
 (3a) (3b) , (5)
 (4), () ()
 (12) (5), (6)
 (6) (1) (2)
 (7), (7)
 (R/0) (8), (R/0) (8)
 () (12) (9)
 , , ()

2

3

4

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7

8

1 , (4) 3
(A)

[0001]

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[0002]

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[0003]

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[0004]

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[0005]

(Heat Pump)
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,

[0006]

,
,
1 ()
(COP) .

[0007]

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,

[0008]

5 10 3 5 8 10 40~60% CO₂

[0009]

[0010]

.

[0011]

()

[0012]

[0013]

(Sea Water) ()

[0014]

(21 26 , 3 16)

[0015]

Water) (Concentrate

[0016]

[0017]

[0018]

[0019]

[0020]

[0021]

[0022]

[0023]

[0024]

[0025]

[0026]

[0027]

[0028]

[0029]

[0030]

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(A) (B)

(1)

(2) , , ()

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(A)

()

5 50m

() () () ,

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[0031]

() .

[0032]

[0033]

[0034]

1 1 (40 50m) 5m~50m
 (110) (140) (Basin)(130)
 (A) (B)
 ()
 , , ()

[0035]

1
 (A) (B)

[0036]

(A) (110) (110)
 (130) (140) , (140)
 (131) (B) (1)
 ((Basin)(130)
 ,

[0037]

(B) (A)
 (2) (1), (1)
 () (3a) (3b)
 FCU() (13)
 (2), (2) () FCU(13)
 (3a) (3b) ,

[0038]

(3 (A)
) (5)
 (4), () ()
 (12) (5), (6) ,

[0039]

(6) (1) (2)
 (7), (7)
 (R/O) (8), (R/O) (8)
 () (12) (9)
 , , ()

[0040]

1 ,

[0041]

(110) (140) (110) (131)

(1) (130)

[0042] (110) 5m~50m

(Siphon)

(111)

(140) (113) (113)

3 (112) 1

(140) (114) (111)

(110) (114) (115)

.

[0043] (111) (140) (120)

(122) (121)

(126) (127)

(121) (122) (140) (121)

(123) (124) (124)

(125) (140)

(120)

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[0044] (140)

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[0045] (140) (130)

()

2

(131) (B)

(131) (130)

(Trouble)

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[0046] (130)

1 2 () (131)

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[0047] (B)

(A) (2)

(1), (1) ()

(3a) (3b) FCU(13)

(2), (2) ()

FCU(13) (3a) (3b) ,

[0048] (2) (1)

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[0049] (1)
(2) (1) (4)
(5) () (12)
(6)
(5) (11)(11a)

,

[0050] (1)
(1) 3
(15) (A)

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[0051] (6) (A) (4)
(5) (7), (7)
(R/0) (8), (R/0) (8)
() (12)
(9) () (9)

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[0052] (6) (7) (7)
(7) (float switch,)()
(7) (10) (15)
(7) (7)
(7)

[0053] (R/0,Reverse Osmosis) (8)
,
(7)
(9)
(15)
(15)

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[0054]
[0055] (R/0) (8) (7)
(7) (15)

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R/0

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[0056] (1) (4)

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[0057] ()

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()

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[0058] ' ' ,

, , , .

[0059] 1

() () ()

5 6 ,

[0060] 2 ()

, (211) (212) (210)

() 50m (STS) (215)

(215) (5m) (5 50m) 1m

(213) 16

mm (214)()

5 50m (1)

,

[0061] ,

(B) 1 .

[0062] 3 7 8 ,

[0063] () , (315)

(310) () 50m (STS

)(313) (313) (312)

,

[0064] (5m) (5 50m) 1m

(312) PE PVC

16 mm (312)

PE (311) (314)

5 50m

.

[0065] 3 (314)

[0066]

() () ()

[0067]

[0068]

[0069] 1 1

[0070] 2

[0071] 3 1

[0072] 3a

[0073] 3b

[0074] 4 1

[0075] 4a

[0076] 4b

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[0078] 6 2

[0079] 7 3

[0080] 8 3

[0081]

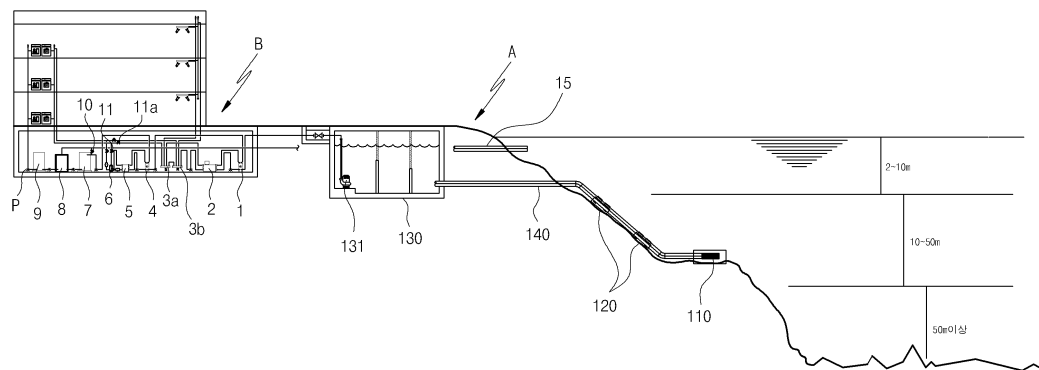
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[0083] 1: 2:

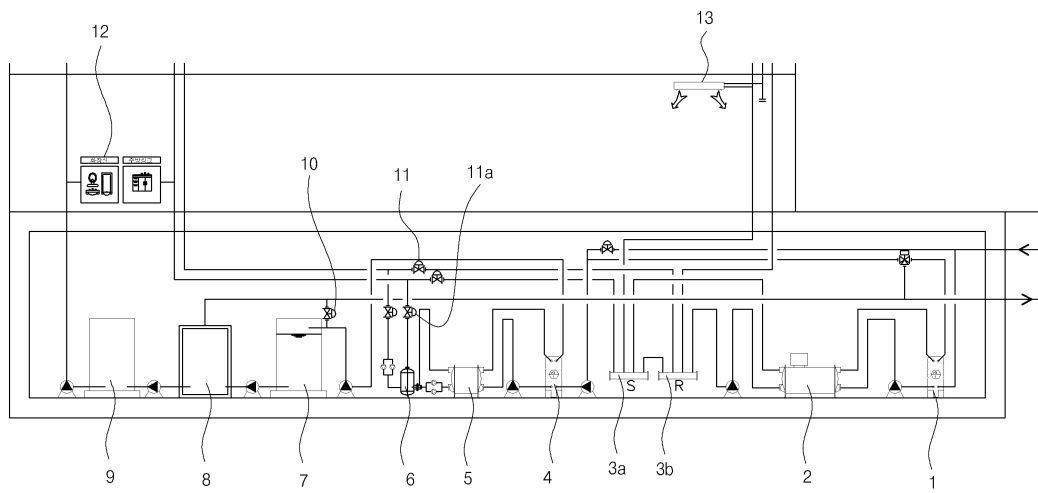
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[0085]	4:	5:
[0086]	6:	7:
[0087]	8:	9:
[0088]	10:	11, 11a:
[0089]	12: ()	13:FCU()
[0090]	15:	110:
[0091]	111:	112:
[0092]	113:	114:
[0093]	115:	120:
[0094]	121:	122:
[0095]	123:	124:
[0096]	125:	126:
[0097]	127:	130:
[0098]	131:	140:
[0099]	210:	211:
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[0101]	215:	
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[0104]	314:	

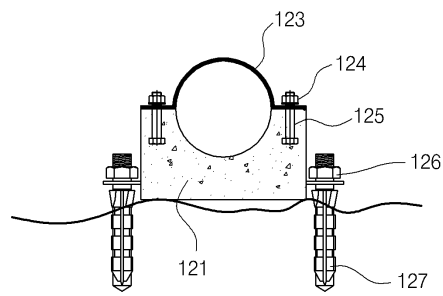
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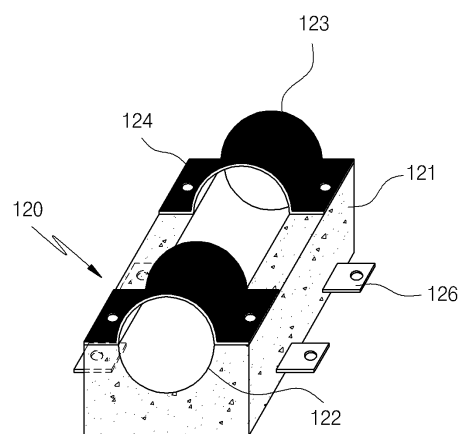
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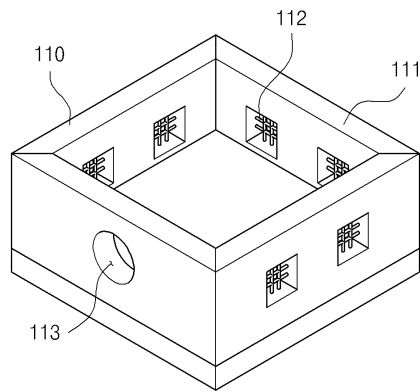


(a)

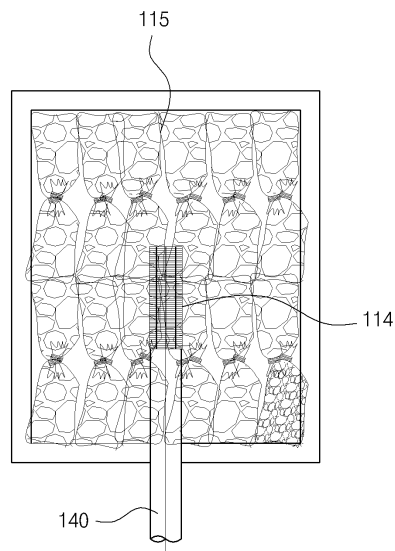


(b)

4

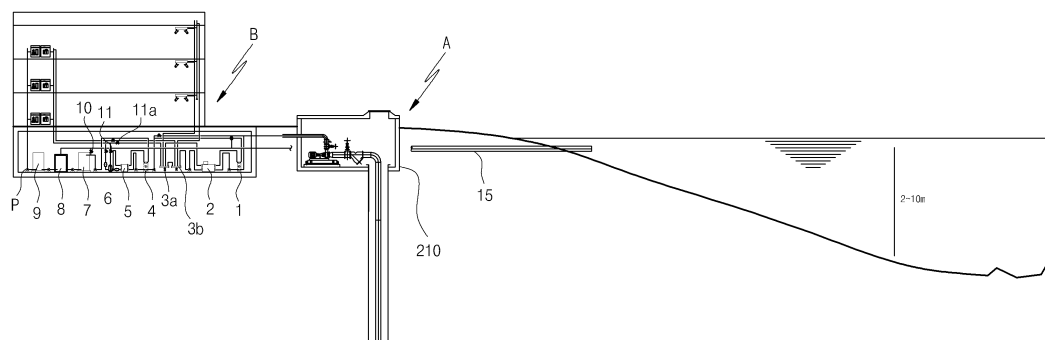


(a)

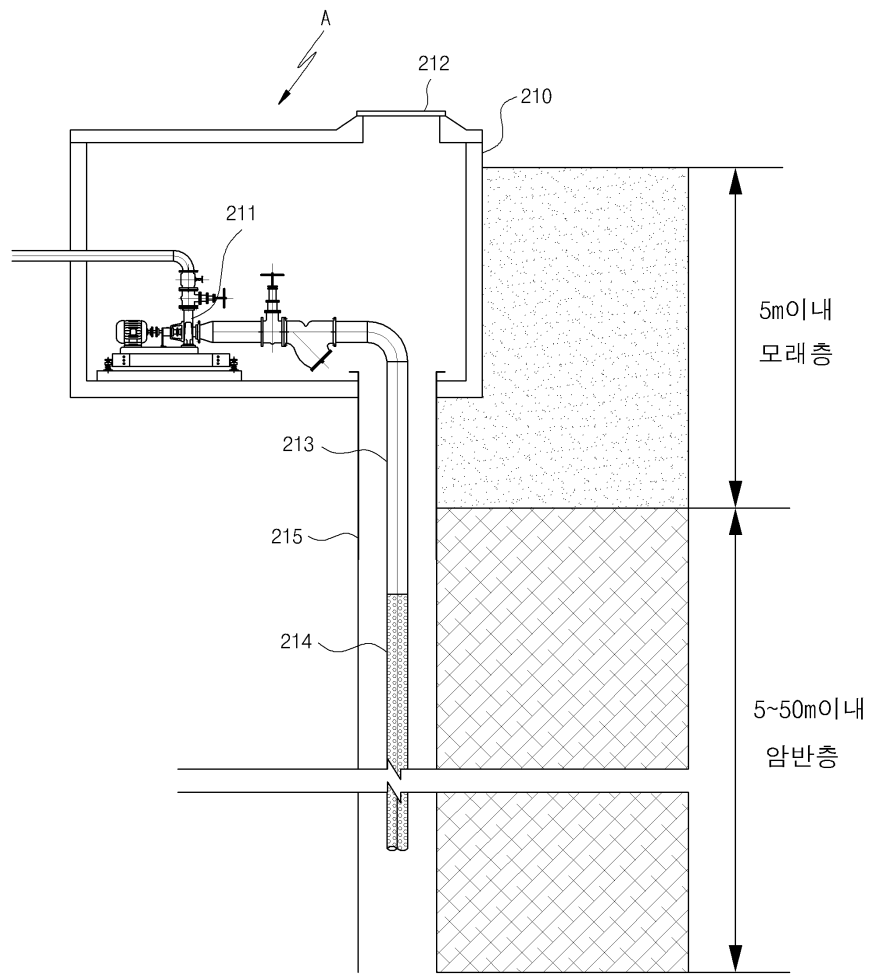


(b)

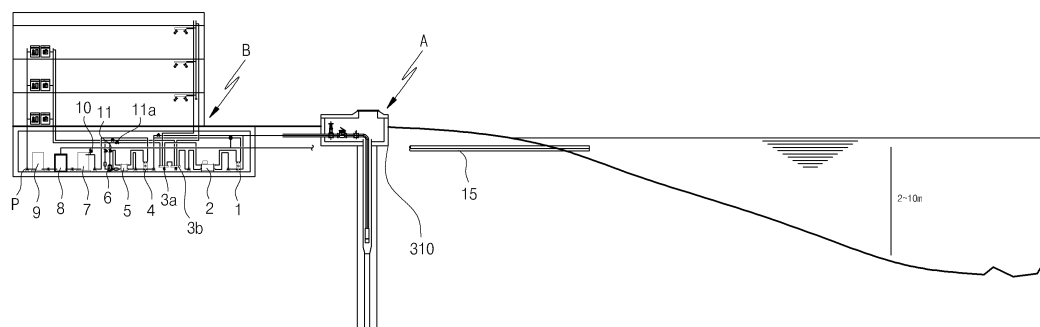
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6



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