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(12)

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170-1

102 1202

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BOD
BOD

BOD

BOD

(slurry)

2

, BOD,

1 1 BOD BOD
 2 1 BOD BOD
 3 2 BOD BOD
 4 BOD BOD
 10 : 20 : 1
 30 : 40 :
 50 : 2 60 :
 70 : 80 :
 90 : 100 :
 MF : MS :
 W1 : W2 :
 W3 : W4 :

BOD(Biochemical Oxygen Demand)

BOD BOD
 BOD BOD
 가 (濾床) 1 2
 BOD 93 - 240 mg/l , 40 - 46
 0.2 kg BOD/m³ / 가 BOD 65 - 80 % , BOD
 가 BOD 가
 BOD 28 - 89 % , 1 2
 가 2 - 5
 BOD 300 mg/l 3,000 - 4,000
 mg/l , 2,500 mg/l , 1996 7 1 BOD 93 % 99.5 % BOD
 20 mg/l BOD 가 10 mg/l
 가 가 가
 BOD

BOD

BOD

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BOD(Biochemical Oxygen Demand)

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BOD(Biochemical Oxygen Demand)

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BOD

가

가

BOD

< 1

> 1

1

BOD

BOD

2 BOD

1

BOD

BOD

(W1)

(30)

1

, 1

(20)

(10)

(10)

(40)

(300)

(W2)

(40) (W3)

가

(W3)

2 BOD

(50)

(W3)

(60)

(W3)

(70)

MF)

(MF)

(slurry)

(W3)

S)

(MS)

(W4)

(80)

(90)

(80)

(M

(W4)

(MF)

BOD

(90)

(100)

BOD

BOD가

(10)

2 BOD

(W1)

가

(10)

1

(20)

(10)

가

1

(20)

(30)

(30)

(30)

(W2)

가

(40)

(W3)

(30)

(30)

가 (W3) 2 (50)
 , 2 (50) (W3) (70) (W3) (MF)
 (60) (MS) (W3) BOD 1 : 0.5 - 1 : 4 (W3) (MF) (MF)
 (80) (80) (MS) (80)
 (80) (80) (80) (81) BOD
 (MS) 10 - 20 mg/l (W4) (80) (80)
 W3) (80) (MS) 가 2 (50) (80) ((((90)
 V1) (MF) (80) (MS) (MF) (60) (80)
 (40) (80) (MS) 가 (V1)
 (V2) (80) (80) 50 NTU
 (MS) (W4)
 (100) 10 NTU
 BOD (W2) (W3) B ((((90)
 OD (81) (W2) (W3) BOD (MF) BOD BOD
 MF) (81) BOD BOD BOD BOD
 4 BOD가 175 mg/l, 가 120 NTU 1,000 (M (M
 (W3) (MF) (MF) (80) , BOD (MF)
 F) (W3) (MF) (shot dust) (W3) BOD (MF)
) 1 : 3 0.2 - 0.85 cm/s (MS) 95 - 99 % BOD가
 4 (100) (W4) 12 NTU BOD 99.7 %
 < 2 > BOD BOD
 , 3 2 BOD BOD
 3 BOD 2 BOD (30) (W2) BOD (30)
 BOD 1 BOD 가 가 (80)
 BOD 가 (80)
 2 2 1 (80) (MS) 가
 (50) (80) (W3) (V1) (80) (81) (MS)
 (MF) (60) (90) (MF) (80) (MS)
 1 (30)

BOD

BOD 10 - 20 mg/l BOD 가 .
가 가 .
가 .

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1. BOD(Biochemical Oxygen Demand)

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BOD
2. BOD(Biochemical Oxygen Demand)

(slurry)

BOD

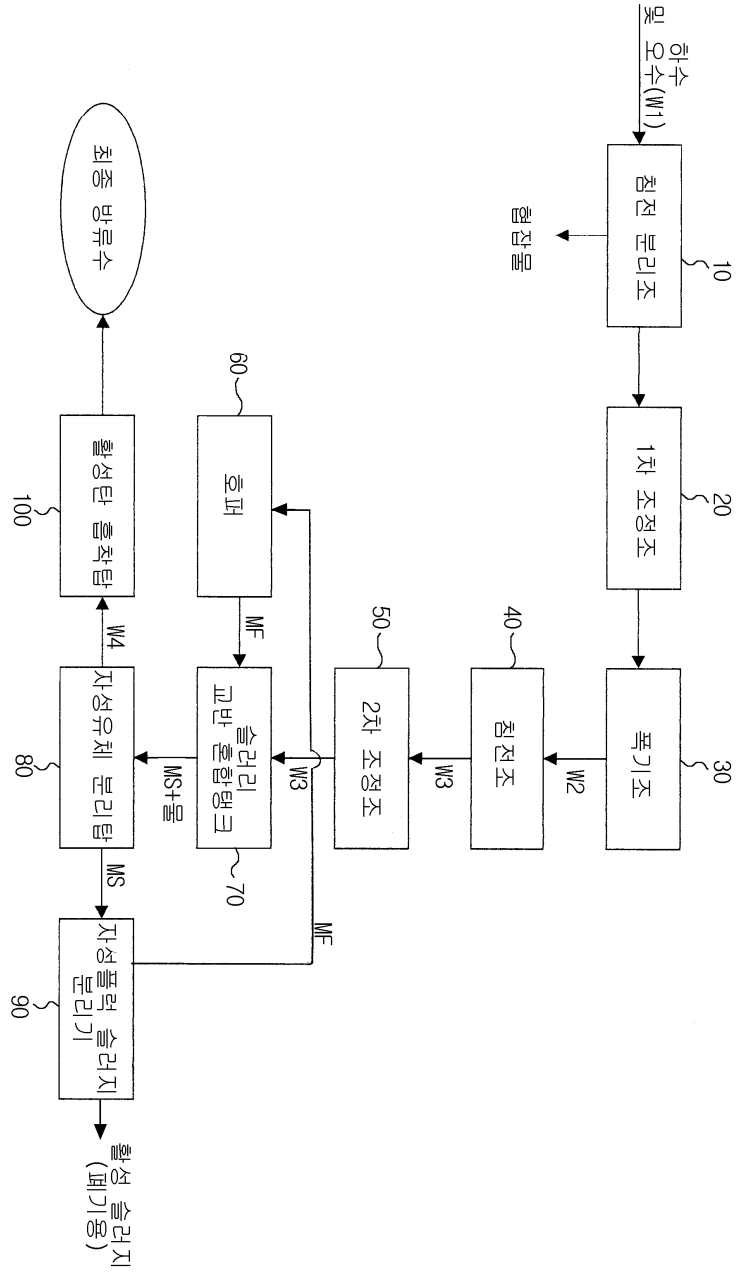
3. 1 BOD 2 가 BOD

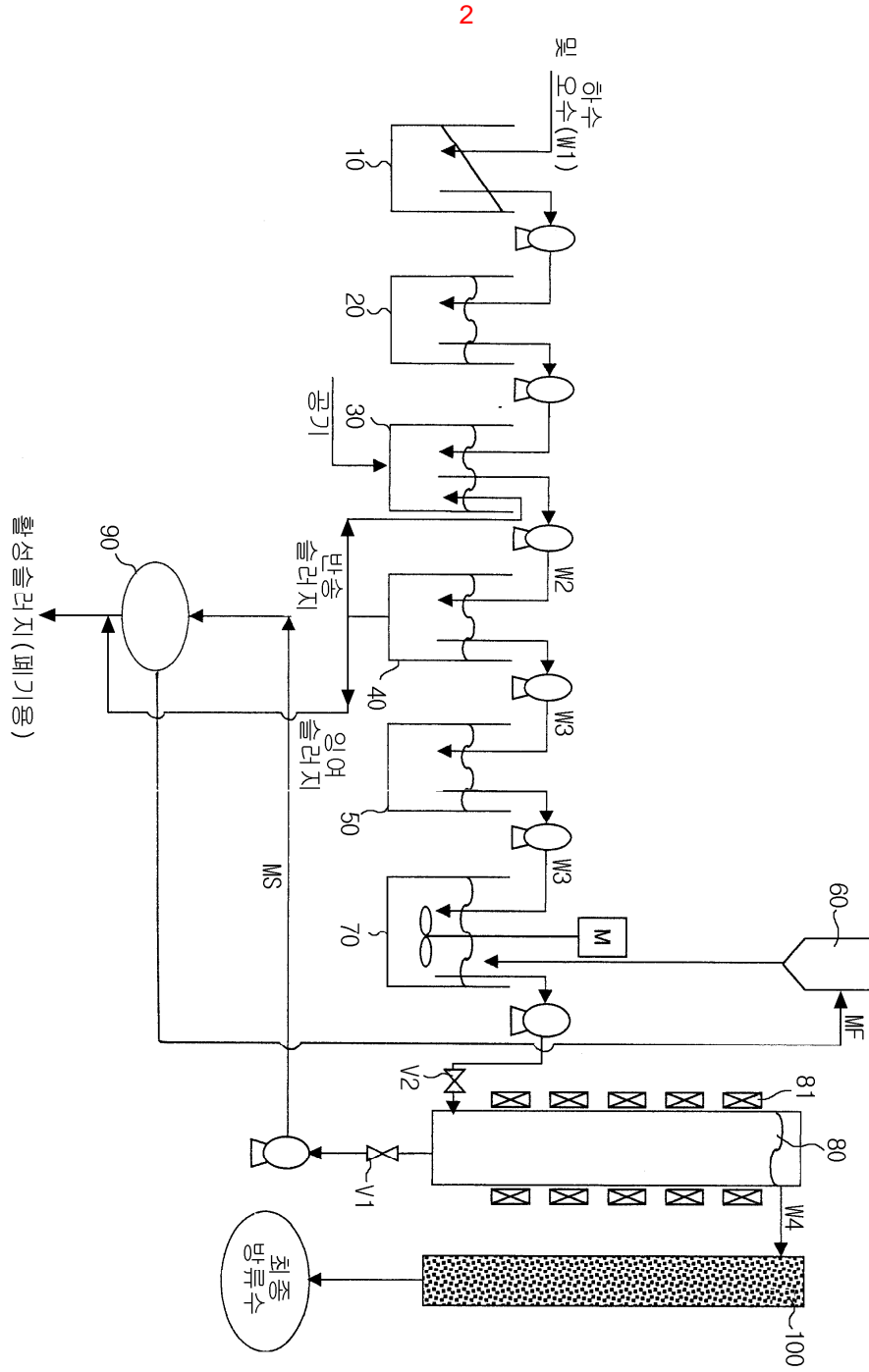
4. 3 가

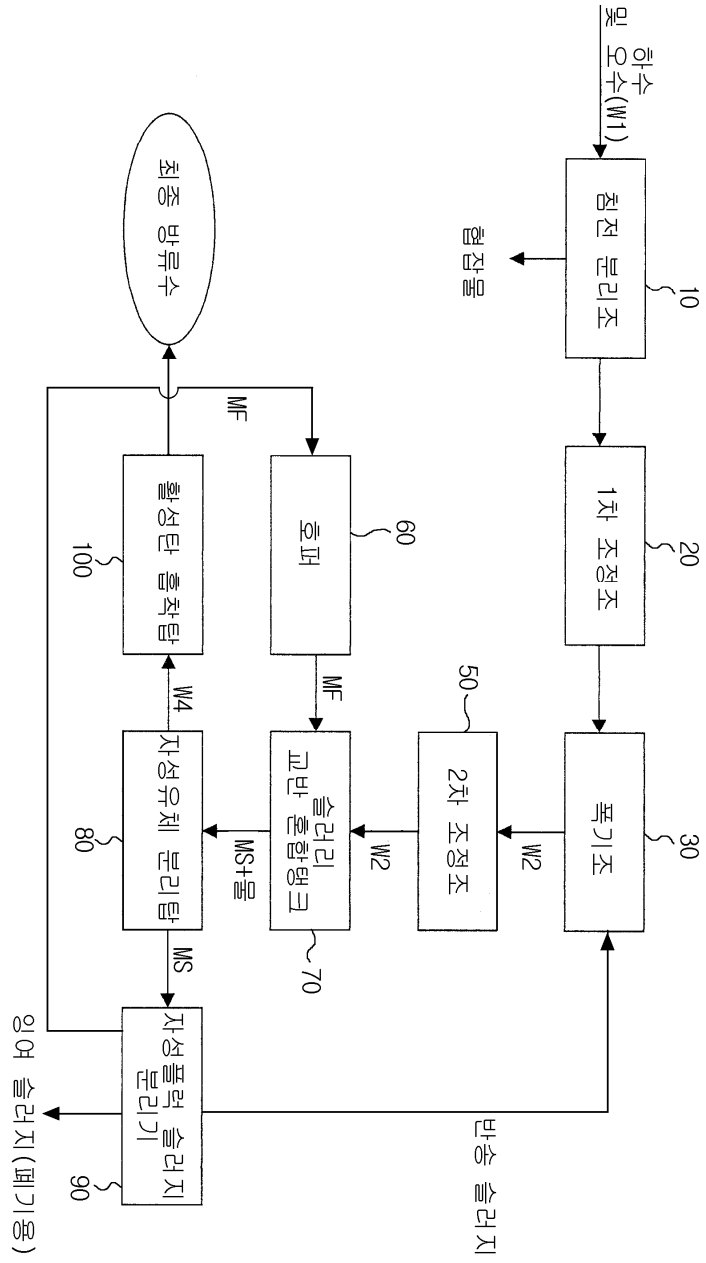
5. 3 가 BOD 1 2

6. 1 2 BOD 1 : 0.5 - 1 : 4

7. 6 BOD







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