

가 - 06

1.3

1.3.6 (精練 · scouring)

(cotton wax), (油脂), ,
1 , , (糊劑),

(油劑), (,) 2

가

. 1, 2

가

, 가 가 .

, 가 .

가 (.)

. 가 , 가

. 가

가

가 . (soda ash)

가 .

1.3.6.1 (batch)

, 가 .

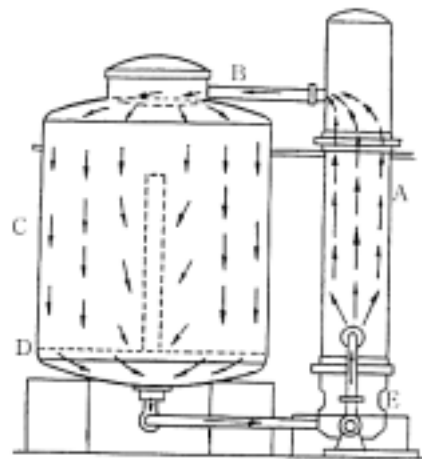
(kier) (jigger), (wince)

가 .

(1) (kier)

, (kier) , ,

가
1-15 가 , , , , , , .



A: B: (撒水) C:
D: E:

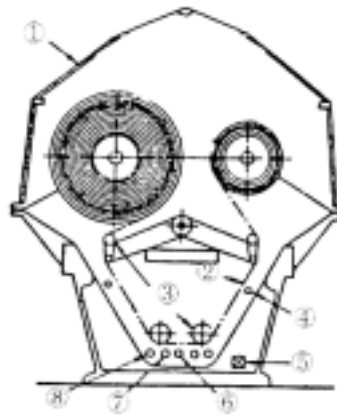
< 1-15 >

가
가
.

(2) (jig)
(jigger) , (drill), (duck), ,
가
(crow feet) 가 가

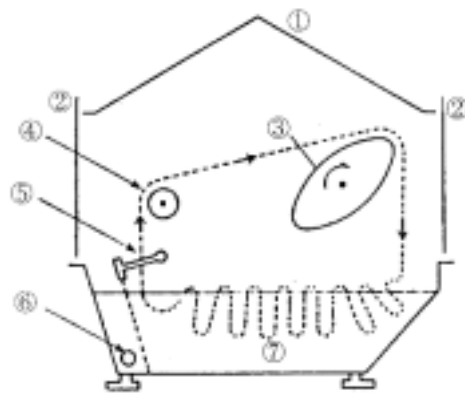
1-16

가



가 (可染布) 가

< 1-16 >



(reel) 가
(separator) 가 (液)

< 1-17 >

(3) (wince)

(winch) , , ,

,

, 가 ,

. 1-17 .

(4)

,

가 .

(cage) . (reeling m/c)

(hank or skein)

1-18 1

(channeling)

.



< 1-18>

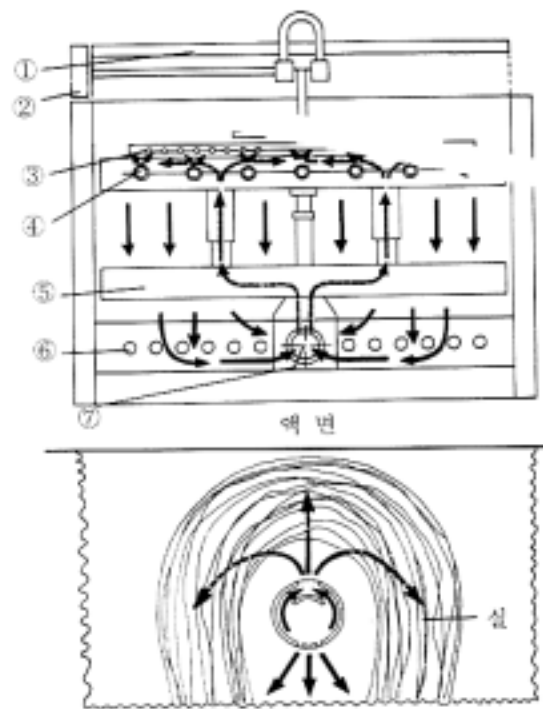
1-19

(cone cheese) 1-20

(perforated tube) 1-21, 1-22

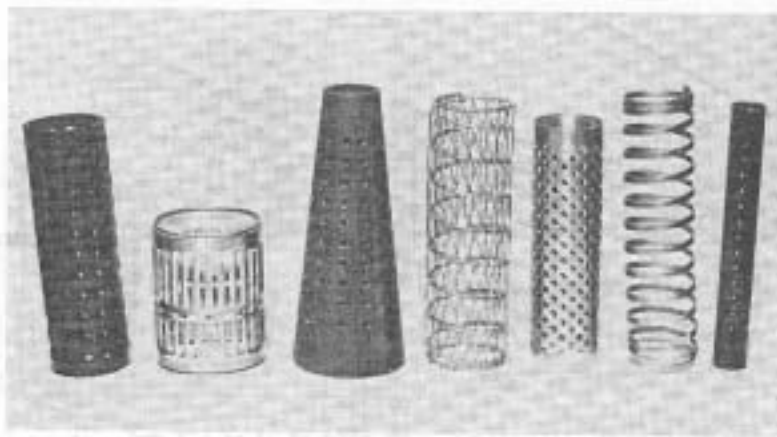
, ,

.



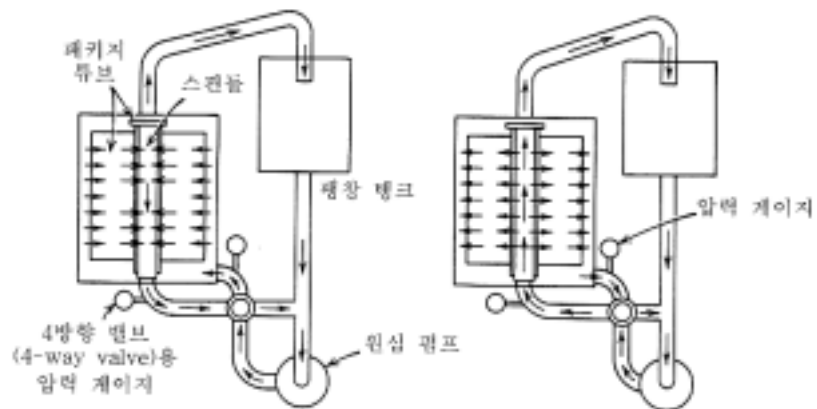
가 ,

< 1-19>



< 1-20>

(tube)



< 1-21>

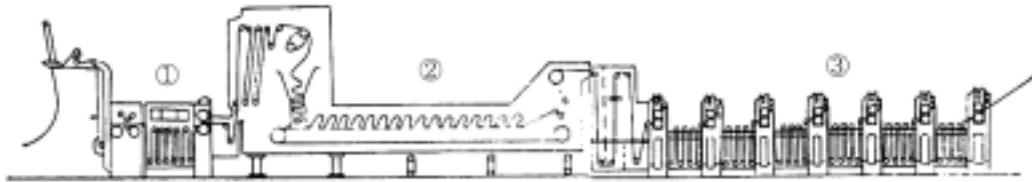


< 1-22>

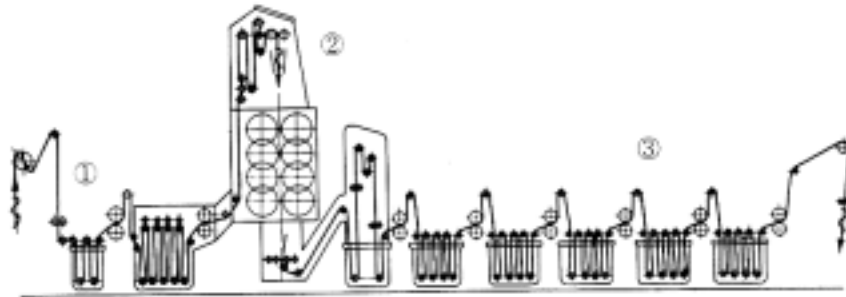
1.3.6.2

가 (washer), (saturator), (steamer), 1-23 1-24 .

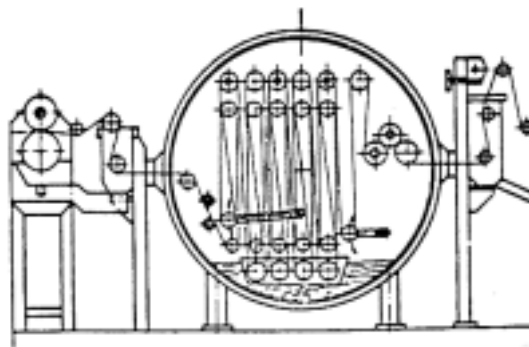
100~120% (J-box, L-box, Perble range, U-box) 100~105 15~40 (40 1~1.5 , 1-25 142 , 30~60



< 1-23>



< 1-24>



(Kleinwefers HDT Steamer)

< 1-25>

(saponification)

1.3.7 (漂白 · bleaching)

(cotton wax)

(綿滓)

(O₃)

가

. (H₂O₂),
 (NaClO₂), (NaClO) ,
 .
 1.3.7.1 (hydrogen peroxide)
 가 100 ,
 60
 () .
 가 (NaOH)가 ,
 (sodium silicate)가 .
 가가 .
 , 가
 가 .
 가 (Fe⁺⁺, Fe⁺⁺⁺), (Cu)
 (,
) .
 (EDTA, Chelate, Trilon B) 가
 .
 35%, 50%, 70% ,
 .
 80% , 90%
 . SUS304

SUS316

1.3.7.2

(sodium chlorite)

25%

가 ()
()
, (, , (,
) , (,) . (),
() 가 가
pH가 가
가

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. , 가

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가 가

가 . - -

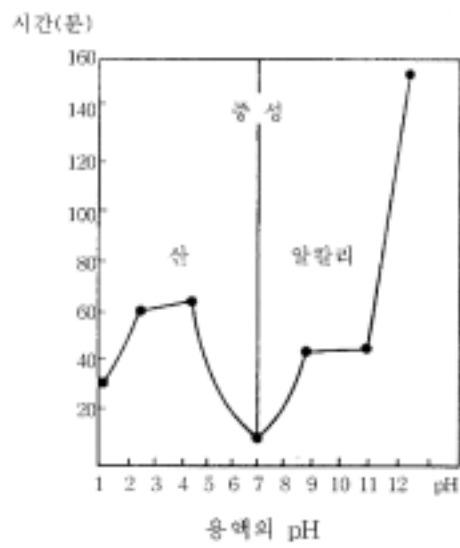
.

1.3.7.3

(sodium hypochlorite)

,

(,) ,
 (sludge)
 가
 , pH,
 가 . ,
 가 .
 , ,
 가 . 가 30
 가 .



< 1-26 >

1.3.7.4

, Trotmann Thorp , 4가
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· · ·

· · · (增量)

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· · ·

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- (Hunter) 85~92%
- () 3.0~7.0 rhes
- () 0.9~3.3 rhes
- (AATCC) 5
- 0.5%
- , 0.35%
- 0.25%