

綿 綿混紡

連續擴幅式

1.

. 1963 (Hanover)

ITMA

Benninger AG

(plaiting)

(roller bed steamer)

< 1>

Benninger

< 2>

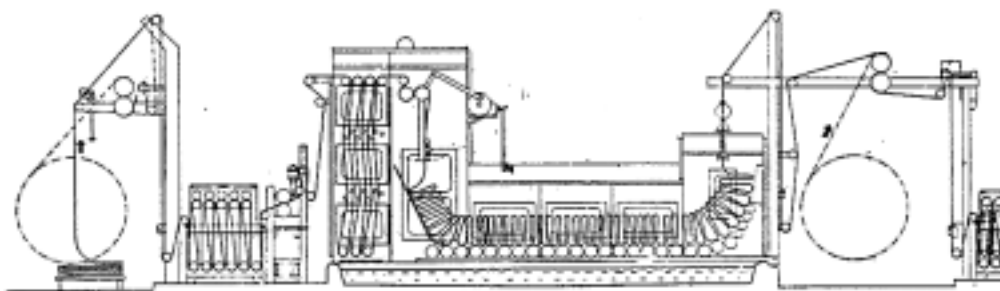
(batchnig)

“Formula 60”

3)

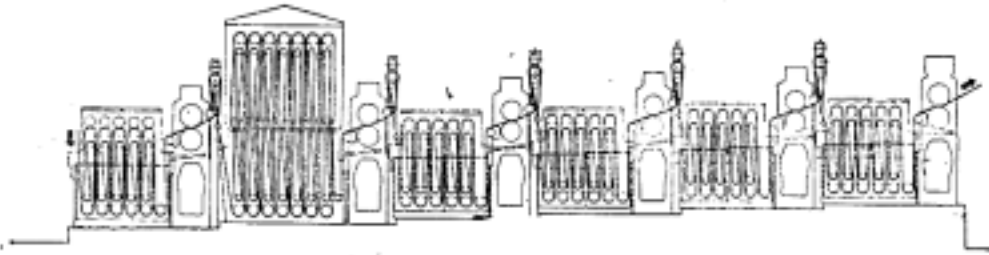
가

가

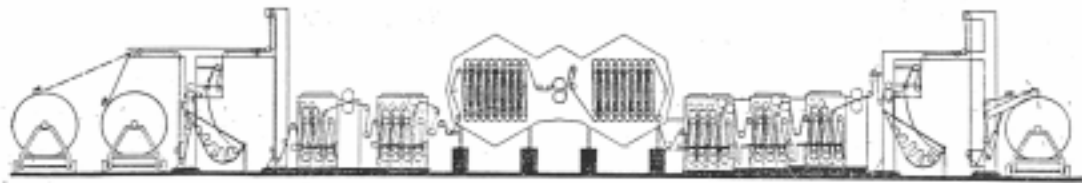


< 1>

1963



< 2>1964



< 3> “Formula 60” TKB平壓 Extracta

가 1963

100m

6,000m (pile)

가 , Benninger “Formula 60”

(shock treatment)가 가

1~2

/

短程

○

○

○

가

○

○

1~2

7

20%

가

,

,

,

概略

2.1

가

50%

2.2

90

7

,

(plait)

(heat setting)

(hydro setting)

7

2.3

가

가

가

Benninger

2.3.1 (Steamer), type TKB

(4)

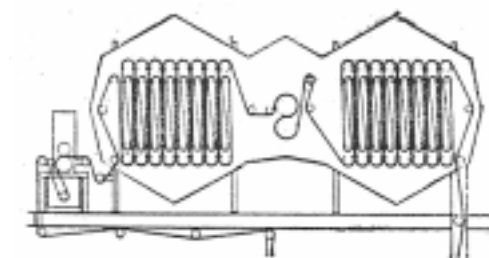
1~2

가 (shock heated)

가

50m

. TKB



<

4> TKB

; 1 ~ 2

2.3.2 , type DR

< 5> 가

7

type TKB

7

1 20%

가

(air lock)

가 , 가

100

가

, 가 가

()

가 ,

가

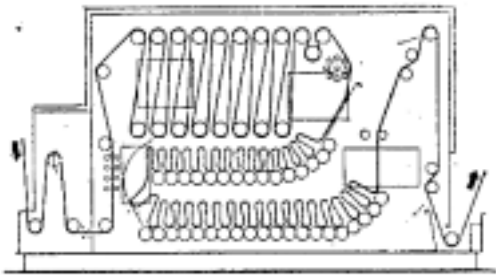
, 7

4,000 ~

6,000m

1 1963

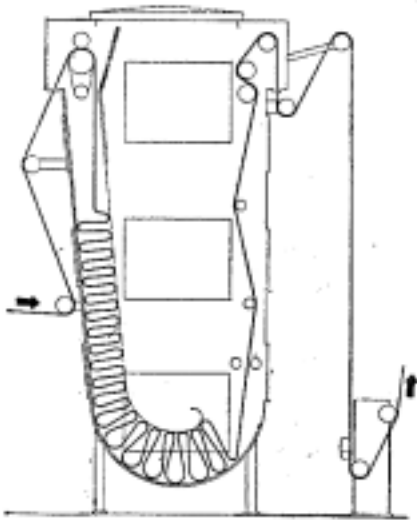
(water seal)



< 5> DR ; 7

2.3.3 (cold reaction chamber), type DK

< 6> 7



< 6> DK : 7

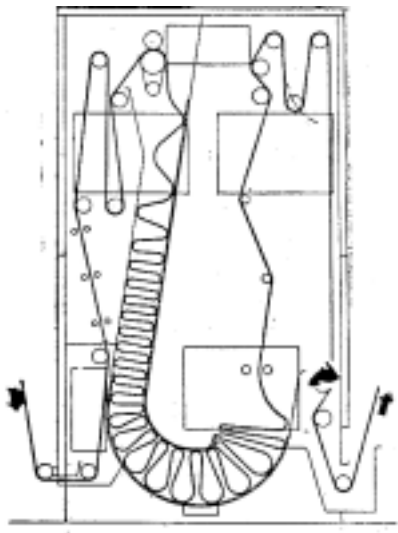
2. 3. 4 (hot reaction chamber) type DH

type DH(7)

7 가

DR 가

J-box



< 7> DK : 7

2.4

2.3 ,
가 . < 1>
가

“ , , , , (rinsing), , ”

150m/ 가
가

가
 ,
가

< 1>

機械配列 順序	最大速度 m/分	織物の 縮みに 對한 敏感性	處理 效果	化學助劑의 量		
				NaOH g/l	NaOCl 유효염소 g/l	H ₂ O ₂ 35% ml/l
1 2 5 1 1 3 5 1 1 1	100	매우 敏感함	染色 및 擦染	80	—	45
1 2 6 1 1 3 6 1 1 1	150	보통 敏感함	〃	56	—	35
1 2 7 1 1 3 7 1 1 1	150	敏感치 없음	〃	65	—	35
1 2 6 1 1 3 7 1 1 1	150	약간 敏感함	〃	65	—	35
1 2 6 1 1 4 8 1 3 6 1 1 1	150	보통 敏感함	亮白色 漂白色	60 40	6 6	30 15
1 2 6 1 1 4 8 1 3 7 1 1 1	150	약간 敏感함	亮白色 漂白色	60 40	6 6	30 15
1 2 7 1 1 4 8 1 3 7 1 1 1	150	敏感치 없음	亮白色 漂白色	60 40	6 6	30 15
1. 水洗			4. 하이포亞鹽素鹼鹽沈澱	7. 高溫反應室		
2. 알칼리 沈澱			5. 平壓 스티머	8. 低溫反應室		
3. 過酸化 沈澱			6. 로울러 메트 스티머			

3.

/

가 150m/

3~4l

가

Extracta

1kg