

OE ?

1.

VUB

Usti Nad Orlici

OE

10

Karl-Marx-Stadt()

VEB

가

가 가 ,

가

OE

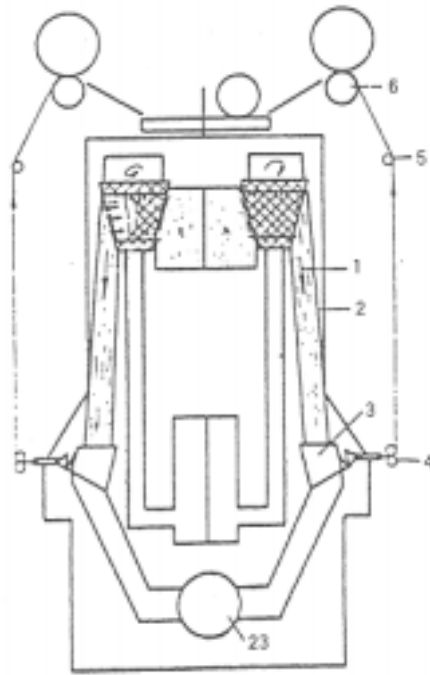
(BP 1 349 925) Rolf Langer

funnel

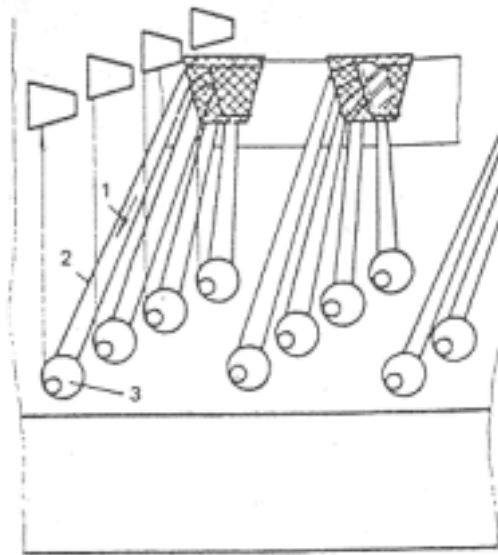
Funnel

가

Langer < 1> < 2>



< 1 >



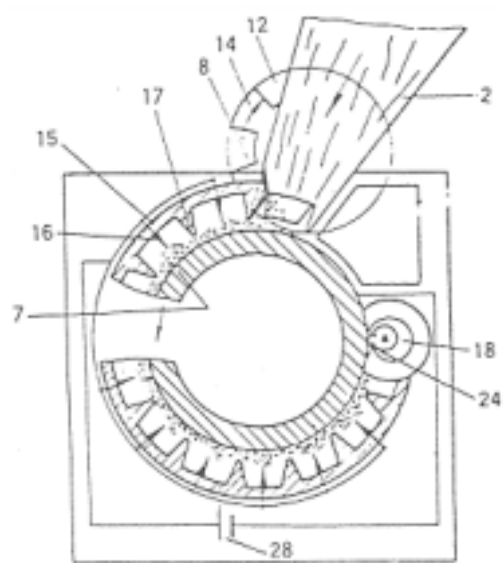
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(1) (duct) (spinning station)

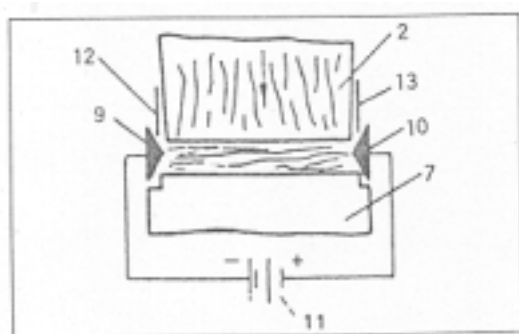
(3) (4) 가 (5) (6)

가 . (23)가 .

< 3> < 4> .



< 3>



< 4>

(2) funnel (7)

(8)

(raised portions) (12) .

(7)

(16) (15) .

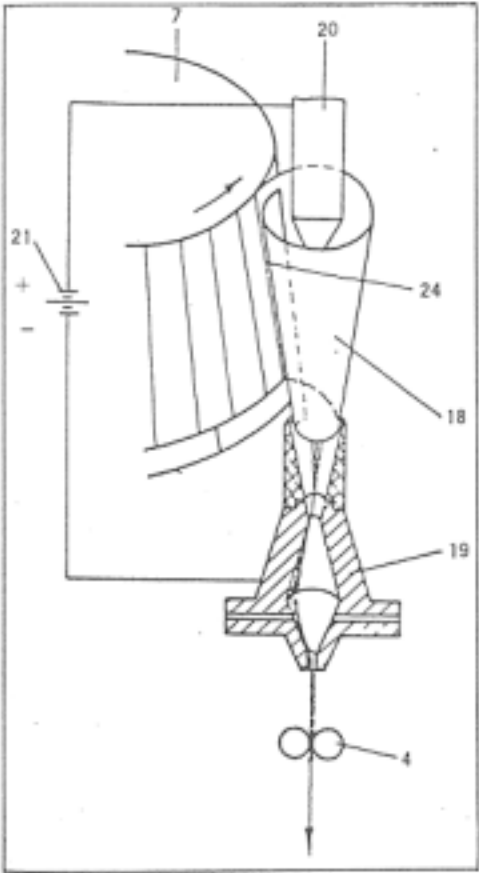
(17) (16) .

가 (18)

(24) .

< 4> .

(7) .



< 5>

(9 10)

(12

13)

< 5>

(7)

(4)

가

(19)

(18)

(21) 가

(collector)

(7)

(24)

funnel(18)

가

Reinhard Koenig

1

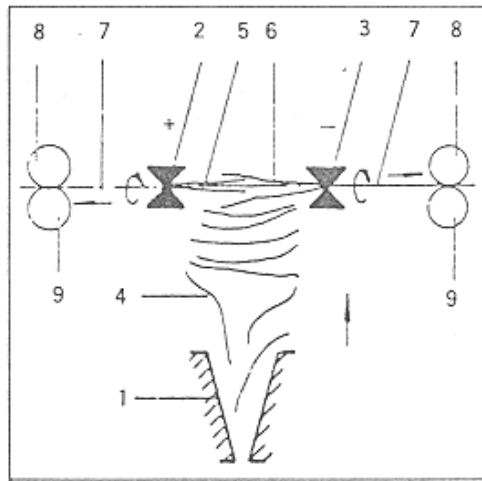
가

(BP 1 369 958)

Funnel

(1)

< 6>



< 6>

(4)

가 가

가

가

haul-off

(2 3)

(tuft)(5 6)

(8 9)

가

Koenig

가

가

가

가

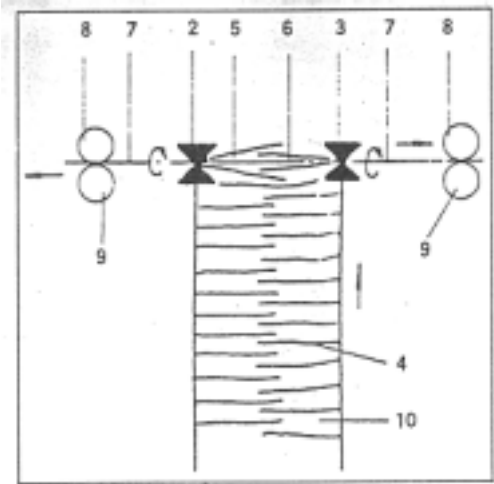
가

< 7>

(4)

가

(10)

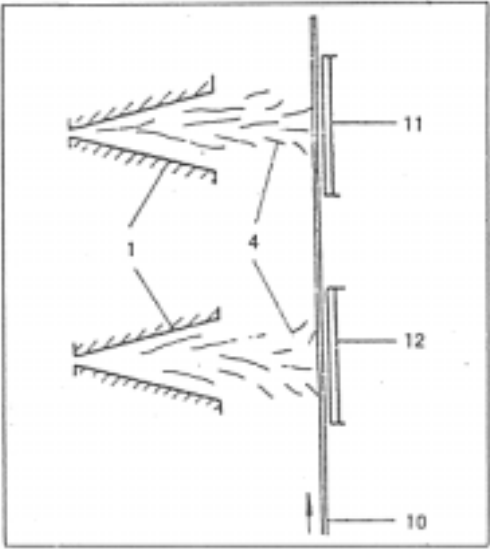


< 7>

< 7> <

8> .

(11 12) .



< 8>

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가 가

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