

(19) (KR)  
(12) (A)

(51) 。 Int. Cl. 7 (11) 2003 - 0008864  
B21B 15/00 (43) 2003 01 29

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(21) 10 - 2001 - 0043865  
(22) 2001 07 20

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2a 2c

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4a

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1 :	10a :	10b :
20a :	20b :	30 :
40 :	50 :	70 :
90 :	100 :	110 :

가

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1 , ( ) (10a) ,  
 ) (10b) .

(20a) (20b) (25) (30) , (27: 2a ) 가

( ) (25) , (50) , 가 (20b)  
 (40) 가 (40) , .

(60) (50) (40) (20b)  
 (65) (60) .

(60) (1) 가 (1) (90) ,

(1) 가 , (70) (60) (60) 가 (1)  
 (80) .

2a 2c

2a (5) 가 (5)

(70) (60) (5)

2b (10a) ( ) (5) (5) (50)  
 (40) , (40) 180 (20b)

(50) 가 (40) ,  
 (20b) (50) ,

(5) (5)

(70) (5) (60) (60) 가 (80) 2c ,  
 (10a) (80)

(S) (1) 가 (S) (5) (5)  
 (10b) ,

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(20b)

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가

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4a (5)	가	,			(5)
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4b	(10a) (40)	( ) ,	(40)	(5) 180	(50) (20b)
		(5)			,
	(50) (20b)	가	(40)	(40)	,
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4c 0)		,	(S)	(10a)	,
S)					(1)
	(110)		(S)	,	
				(10a)	
	(S)	(S)			,
	가		(10a)		
				(110)	
(S)	가		(70)		(100)
(10a)					
(10a)		(80)		(60)	
			(100)	(110)	(90)
가		,	가		가

가

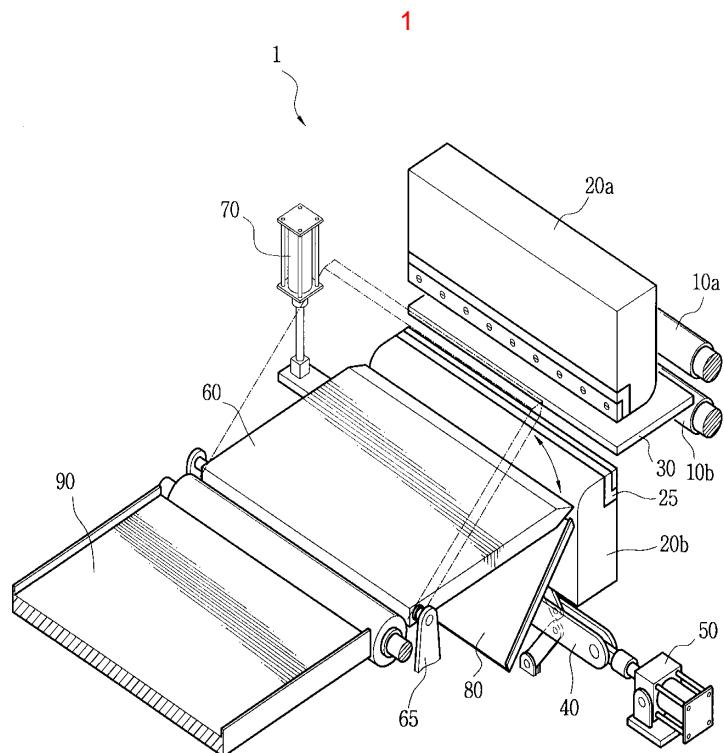
(57)

1.

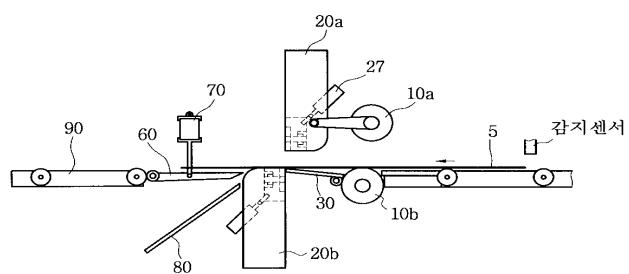
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00) (20b) (20b) (5) (70) (70) (S) (100) (1)

2.

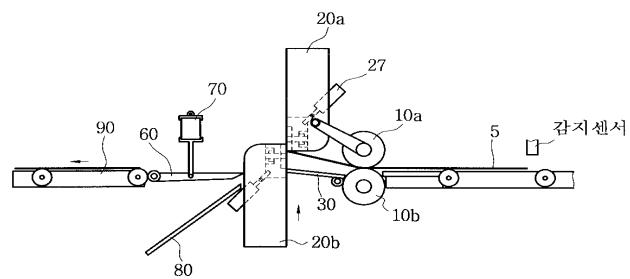
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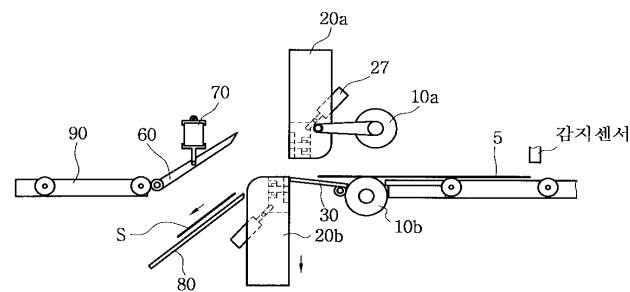
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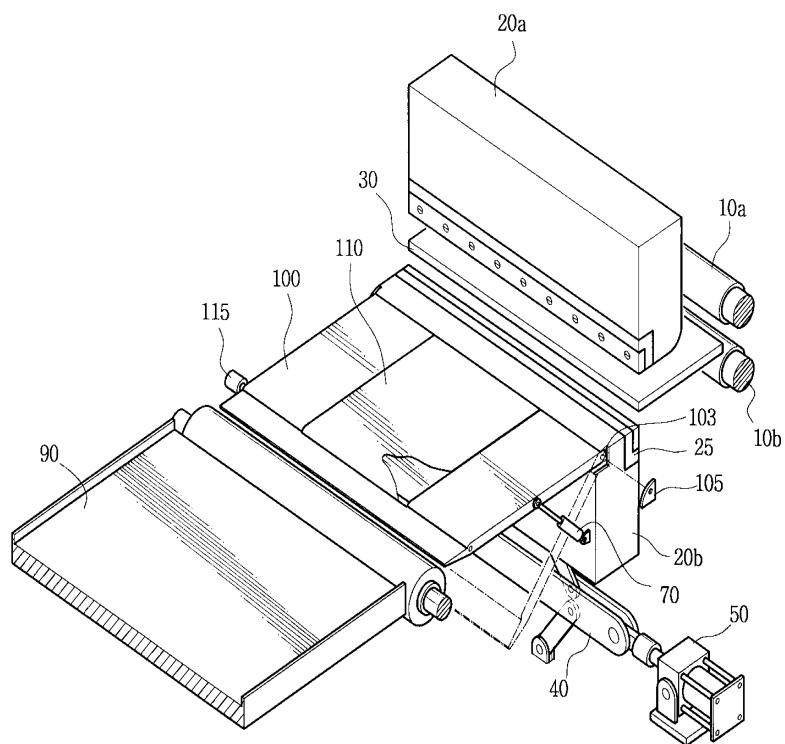
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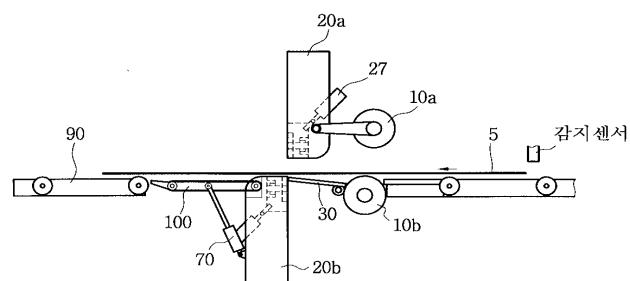
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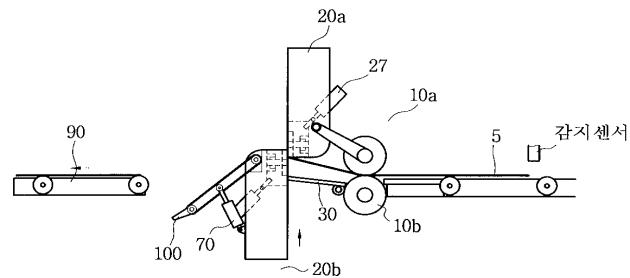
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4a



4b



4c

