

(19) (KR)  
 (12) (Y1)

(51) 。 Int. Cl. <sup>7</sup>	(45)	2002 07 27
E04B 5/40	(11)	20 - 0283634
	(24)	2002 07 16

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(21)	20 - 2002 - 0011037
(22)	2002 04 12

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(73)	1 647 - 9
	1850
	2311
(72)	19 - 4 4 503
	1481 404 401
	4 788 - 6
	2 3 101
	6 1423 1002
	607 - 1 101 501
	1698 - 1 104 1302
	102 2001
	815

(74)

가 :

(54)

, 가 8m , 가 12m 가 ,

, , ,  
가 1:4 , , 가 1:2

S Z

4

1 가

2

3

4 5

1

6

7 가

8 9 1

11

12 가

13 2

14

16 3

15

11 : 12 :

13 : 14 :

15a, 15b : 16, 17 :

18 : 19 :

20 : 21 : (depth)

22 : 23, 23a, 23b : (rib)

24 : 25 :

30 : 31 :

32 : 33 :

34 : 35 :

, 가 8m 가 , 가 12m

가

, , , , ,

,

( ) 50mm, 75mm

가

가  
가  
가

, 가 , 가 , 가 ,

(span) 가 ,

가 가 ,

, (11), (12), (13),

(15a,15b)  
(12)

, (11) (12)

(12)

<sup>2</sup>

가

가

가

(11) (12)

(18)

가 가 s z

(25)

(18)  
(25)

가

(18)

(15a,15b)

7

(11)

$$\begin{array}{rccccc} 1 & & (30) & \text{가} & (31) \\ 1 & , & & (30) & (30) & (31) \\ & & (30) & (18) & & \end{array}$$

(12) 가 . . . . . (12)

S (18) 가 . S

$$(16) \quad 9 \quad \text{가} \quad \text{가}$$

10	11	2	(14)	1 가	(11),	(12),	(13)		1
		(21)	(22)	가 1 : 2.5,	(10)		.		
2	가		(22)	1	(23a+23b)	(11)	가 1 :		
				1219mm				(13)	
				(15a, 15b)가	,				
(19)		(24)				(12)	1	(21)	
		(12)				(20)	2		

(11)	1	S	(18)	S	1
2				(25)	
20)	4			(16) 가	1

13	S	(18)	S	(17)	가	가
	Z	가		.		

14	15	3			(11),	(12),	(13)
					(10)	.	(22) 1
2		가	600mm		(21)		
가					1219mm		
(21)	(22)	가 1 : 2,		(23a+23b)		가 1 : 2	가 1 : 2
		.		(13)	(12)	10	11
가		(11)		가	.		2

(25)	2		가	S	(18)	가	가
18	Z	가	.	가	3	.	(16)
(16)		4					
		(11)					

가	가	8m	가	12m	가
가			가		,

(57)

1.

(11),	(12),	(13),	(15a,15b)
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(12)

,

(11)

(12)

2.

1

(11)

(12)

(18)

(25)

3.

1

2

,

(15a,15b)

4.

1

2

(11)

(12)

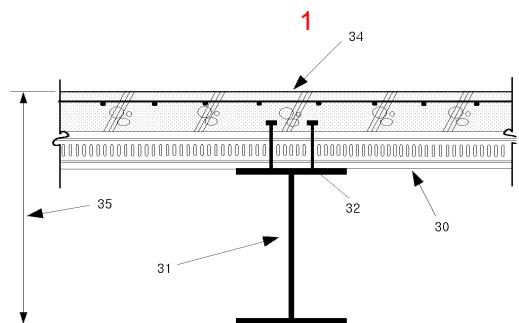
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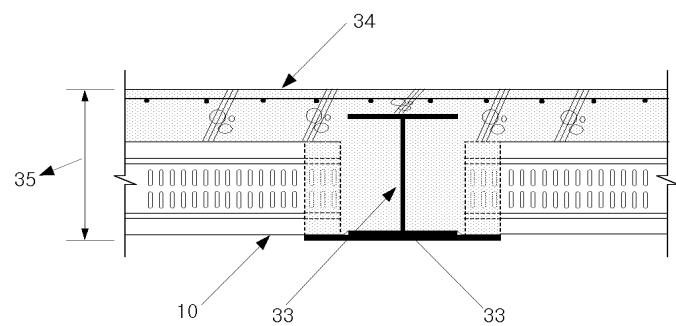
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(11)

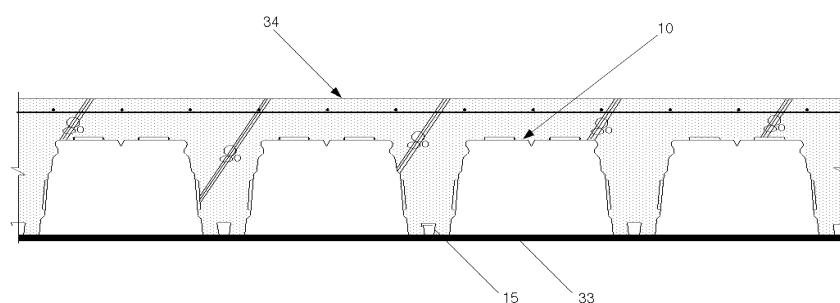
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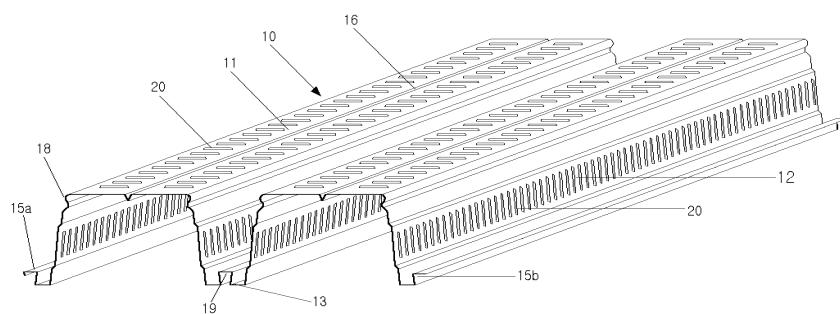
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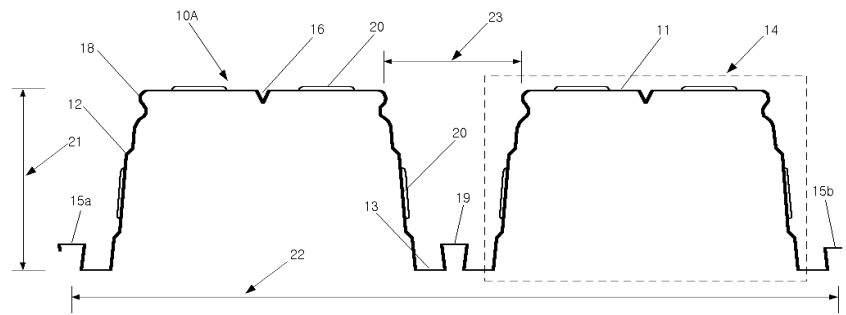
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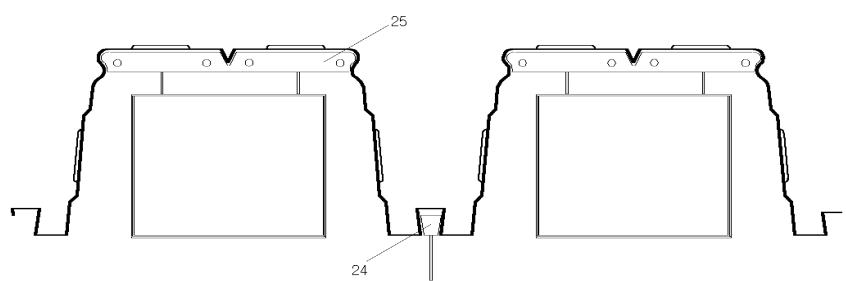
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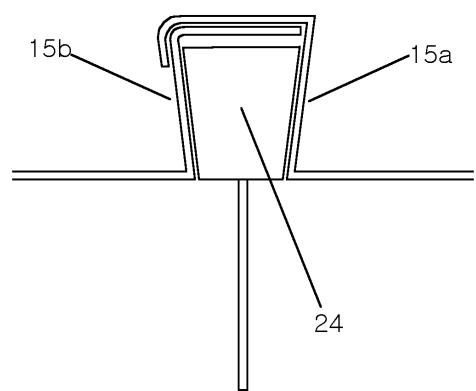
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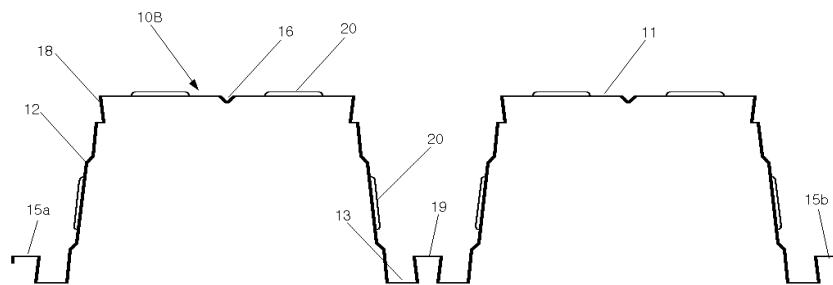
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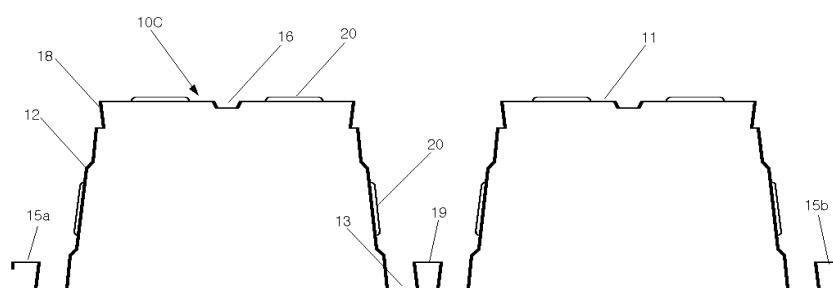
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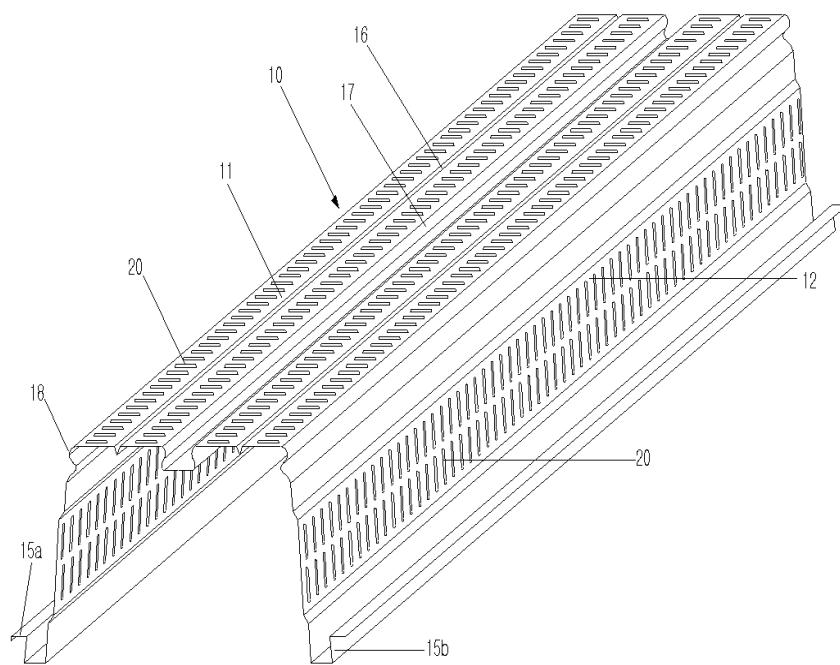
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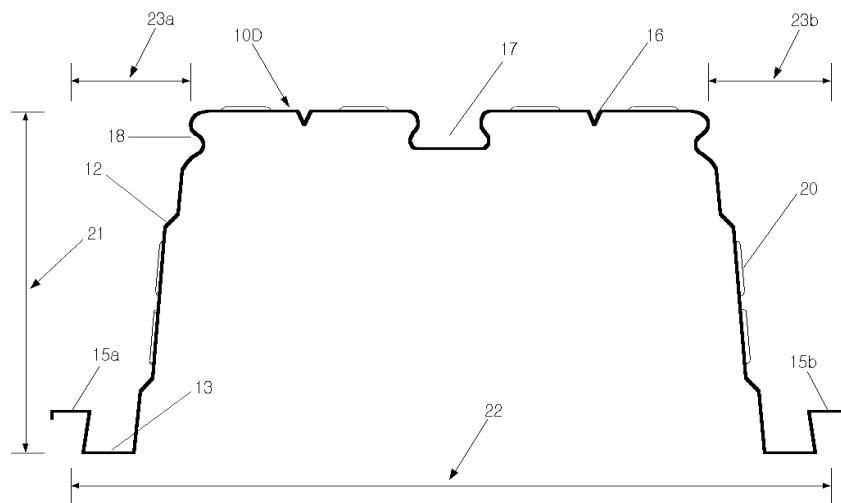
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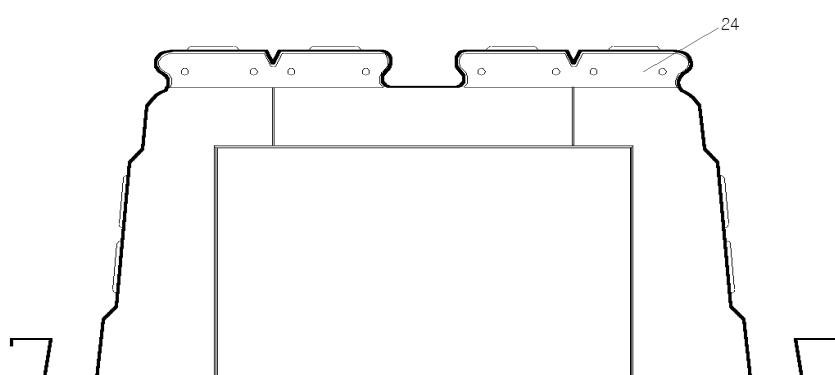
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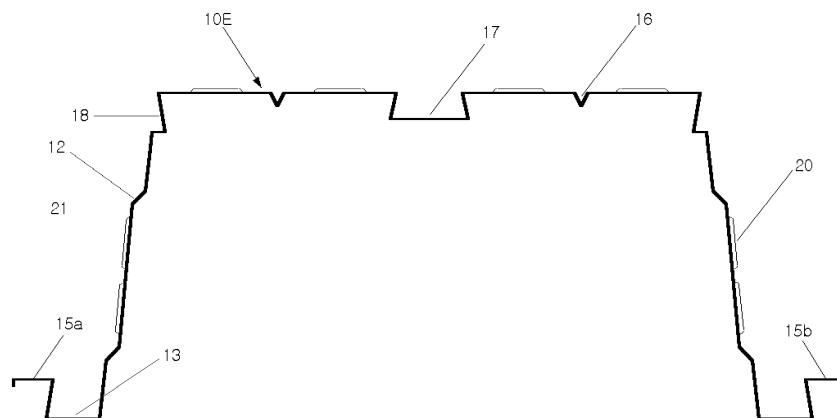
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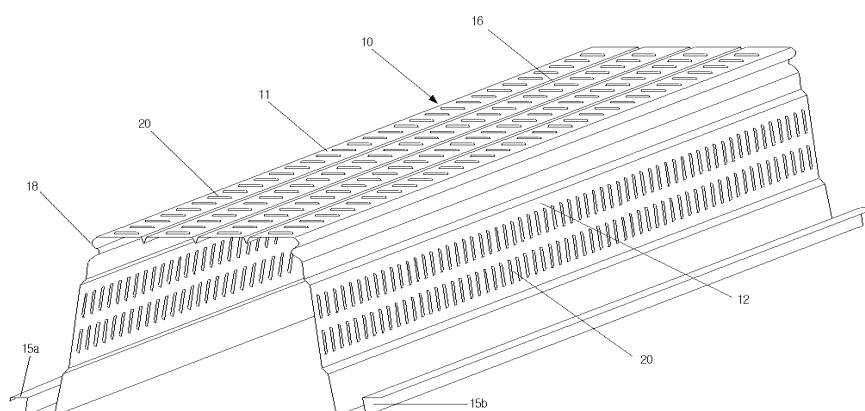
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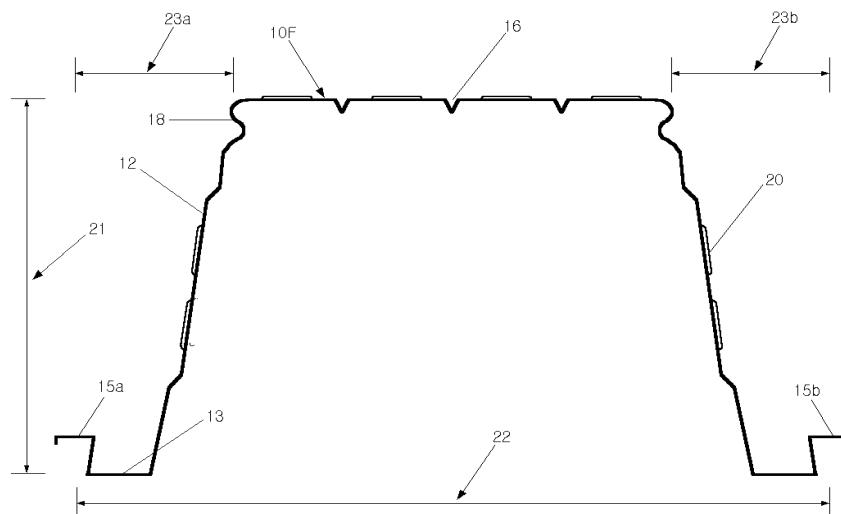
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14



15



16

