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(71)	,	,	- 6001,		50 - 52	
(72)	,	,	- 7900,	3		
	,	,	- 6060,	76		
	,	,	- 6031,	62		
(74)						

(54)

, , (1,2,3)  
 (TU.F1 TU.F3) , , (TU.  
 F1 TU.F3) .  
 1 2 (TU.F1, TU.F3)

1

, , 가 ( )

(beacon)

1 2

WO97/12796

, 가 . , F1 , .  
, 가 . , (high) .

GB - A - 2 153 571 40m

AC 가 6

2

가

F1

1

가

가

r coupling)

1 2

1

1

1

2 1 . 2 2

, 2 2  
1 , 2 1

1

1 2

1 가

2 1 , 가

3

4

5

6,7 8

9

1 , 1 ( ) 1 ( ) TU.F1 ,  
F1 15 30 2 TU.F3 1 ( ) ( )  
. F3  
2 (emitter)

2 ,

F3 TU.F3' (F1) . . F1 , , TU.F1 TU.F1' TU.  
 3) , - 1) (short - circuits) 가 , (F

3 4 , F1 , (shunt) (3) (1) , (1,2) . .

5 , F1 | 가, F1 , F1 | TU.F1  
 1 (7) . . 5 x - 18m | 가 TU.F1  
 | , TU.F3 (0)

2 TU.F3 2 8U

, | | (V) (3)  
 | | 1 (3)  
 | | (7,8) F1 . . F3

6 TU.F3 (1,2) F1 1 (4) , , F3 (4) 가 TU.  
 F1 (4) , , 2 (8) . .

7 , , , TU.F3 , F1 , F1 (5) 가 TU.F3  
 TU.F1 (5)

2 (8) TU.F3 (x - = 0) , , TU.F1( F1 ) . .

8 (1,2) , (9) (6) TU.F3 , , . . F1 가  
 (6) TU.F1 2 (8) . .

9 1 TU.F1 - 18m , 2 TU.F3 0  
 , | (TU.F1, TU.F3) F1 (linked)  
 (7,8)

, , (TU.F1, TU.F3) 가  
 (TU.F1, TU.F3) 가

(57)

1.

(TU.F1, TU.F3)  
" (1,2,3)

1 2 (TU.F1, TU.F3)

2.

1 , 1 , 1 (TU.F1) (F1) 1

3.

1      2                  ,      2                  1                  (TU.F1)                  (F1)

4.

3 , 2 2 (TU.F1)

5.

1 (TUF1)

6.

5 ,

7.

1      3 , 2      (TU.F3)      2      (F3)

8.

7 , 1 (TU.F1)

9.

1      3                          ,                          2                          (TU.F3)

10.

9                          ,                          1                          (TU.F1)

11.

10                          ,                          1                          (TU.F1)                          (F1)

12.

(TU.F1      TU.F3)                          ,                          ,

1      2                          (TU.F1, TU.F3)

13.

12                          ,                          2                          (TU.F3)                          1                          (TU.F1)                          (F1)

14.

13                          ,                          (4)                          1                          (TU.F1)

15.

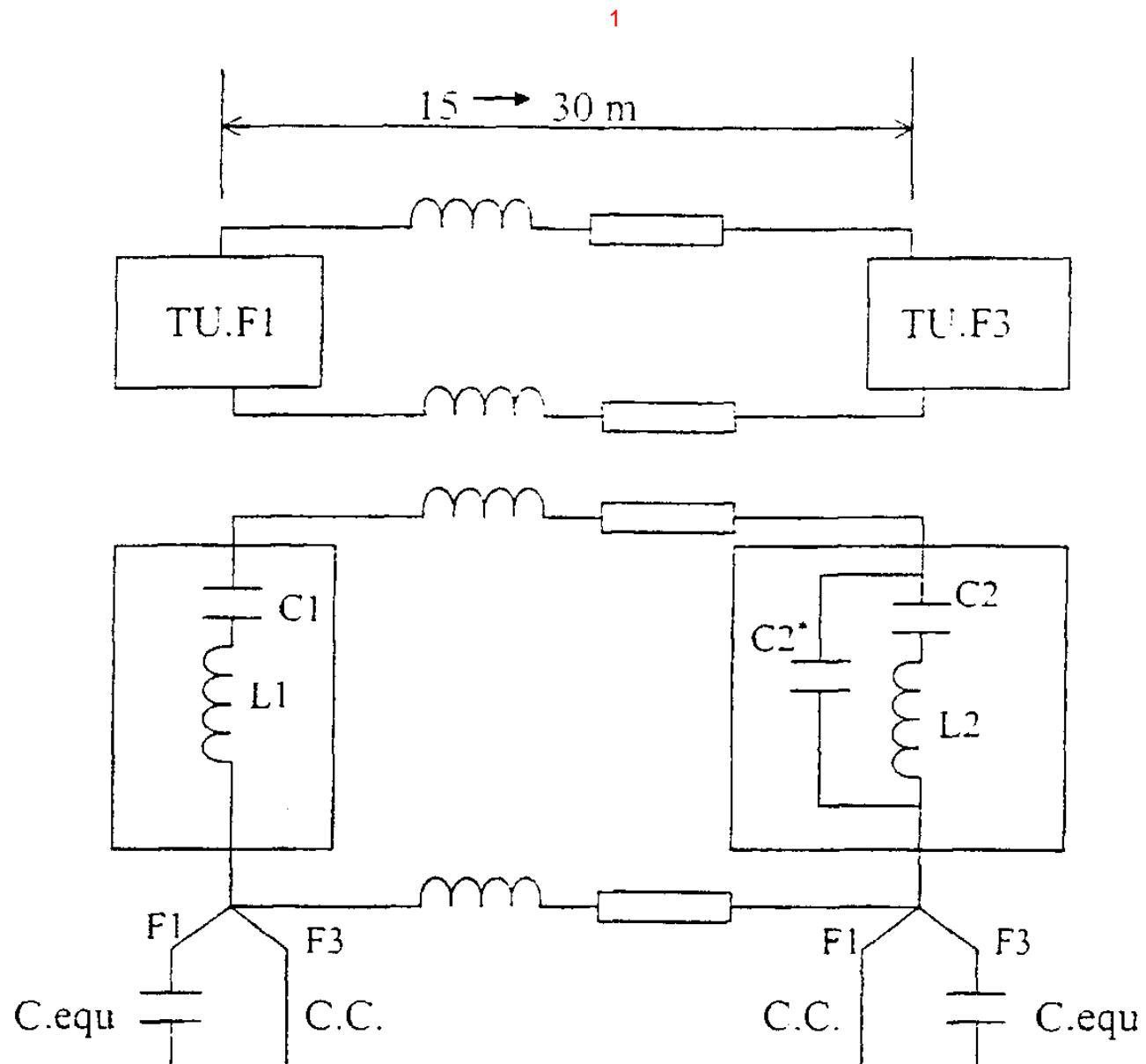
12                          ,                          2                          (TU.F3)                          1                          (TU.F1)  
(5)

16.

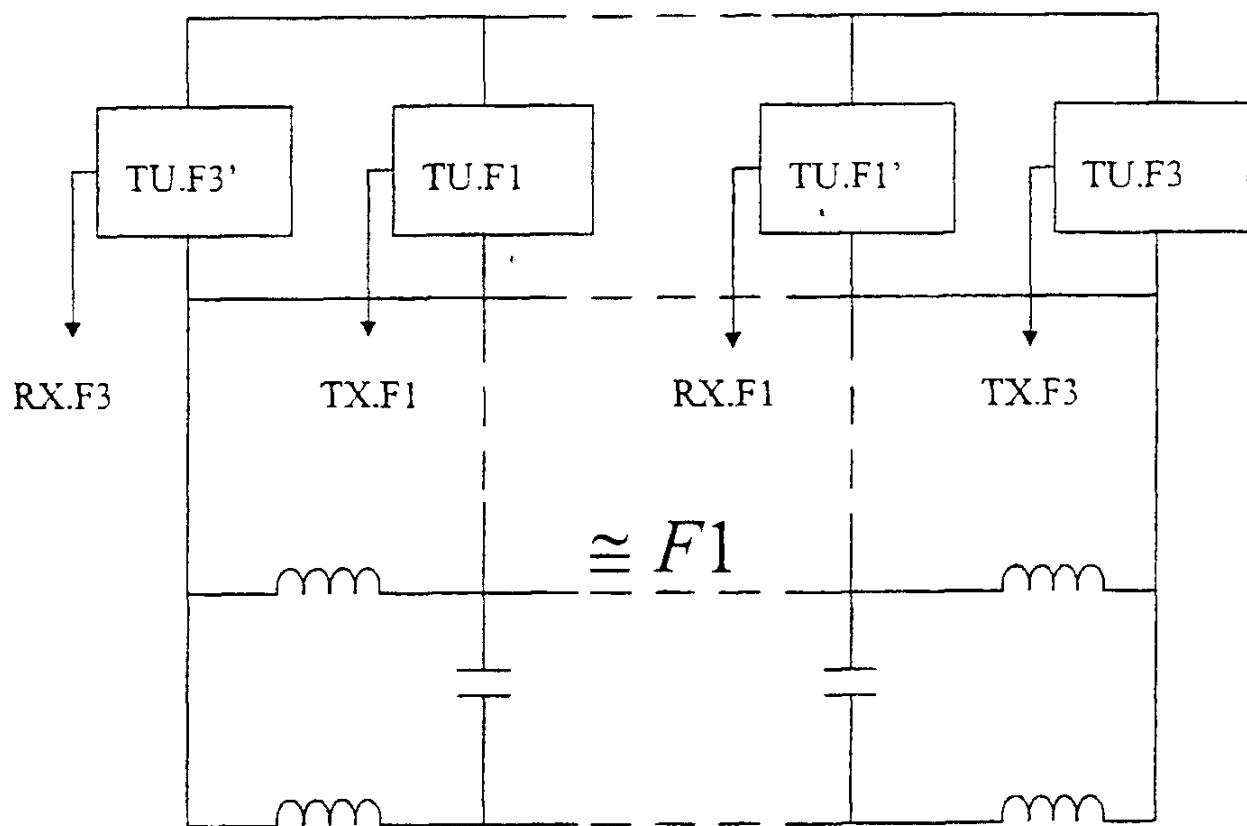
12                          ,                          (6)                          2                          (TU.F3)

17.

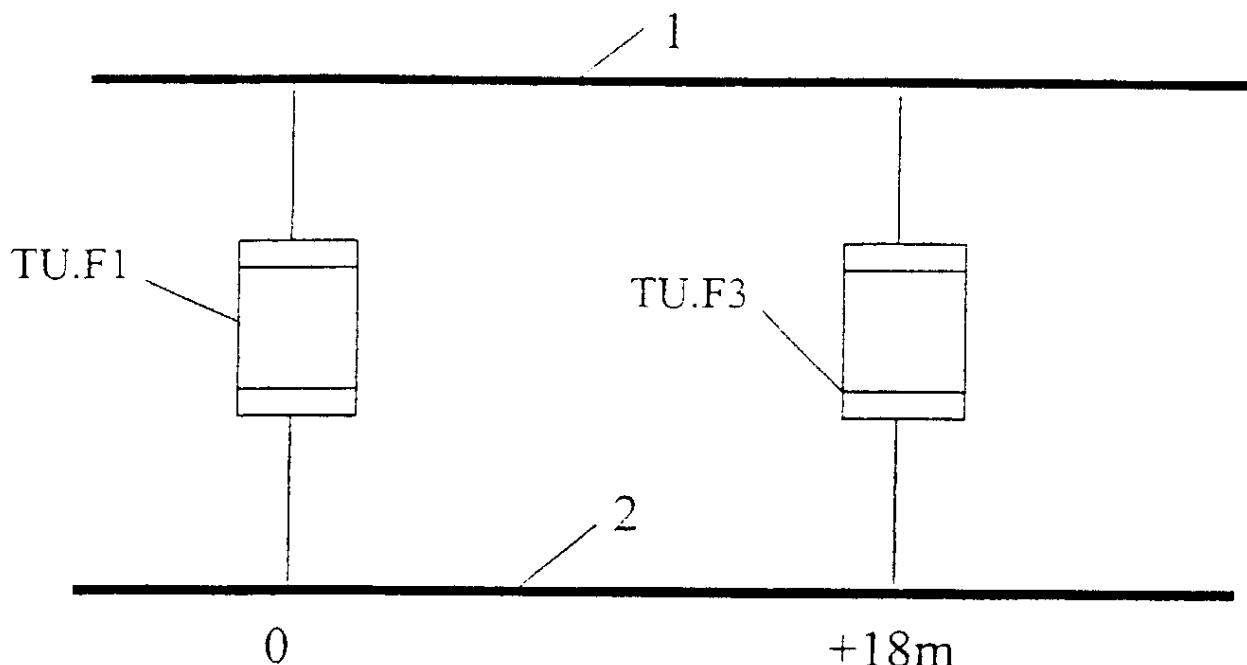
12      16                          ,                          1                          (3)                          F1  
가

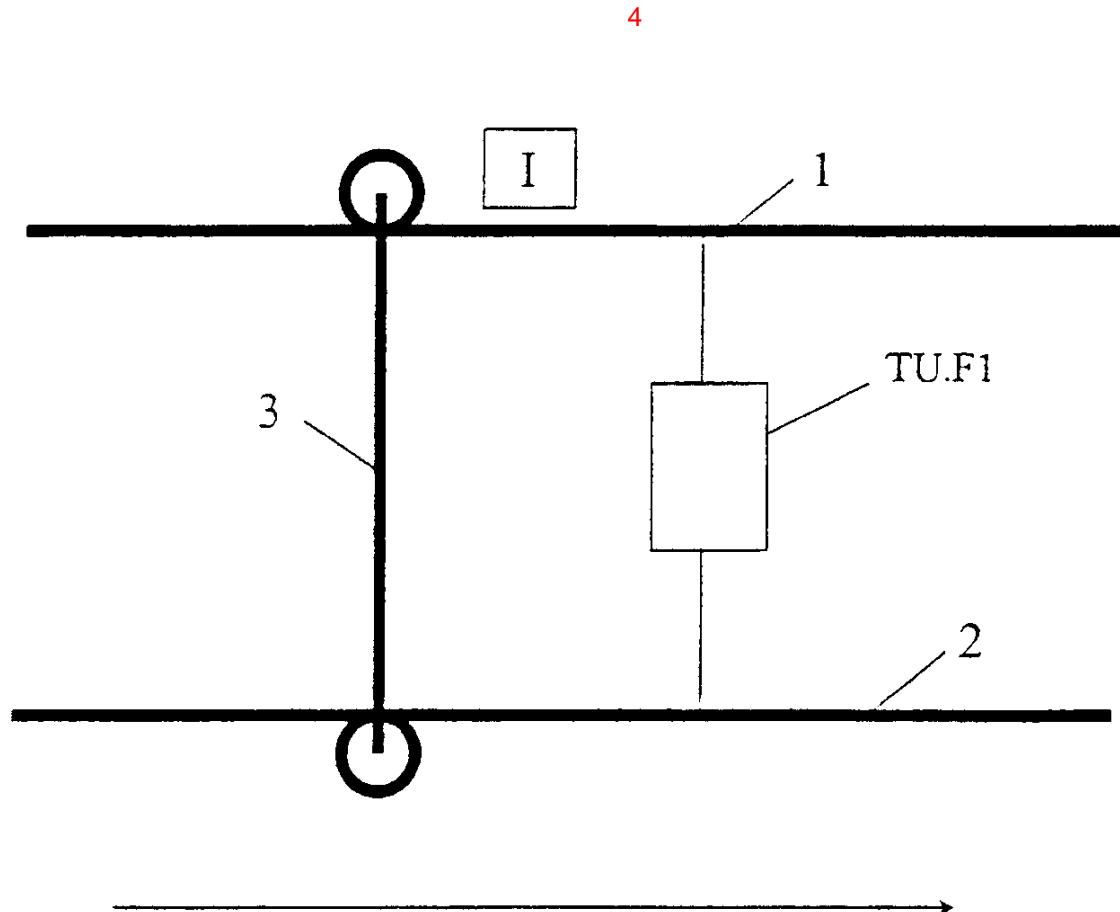


2

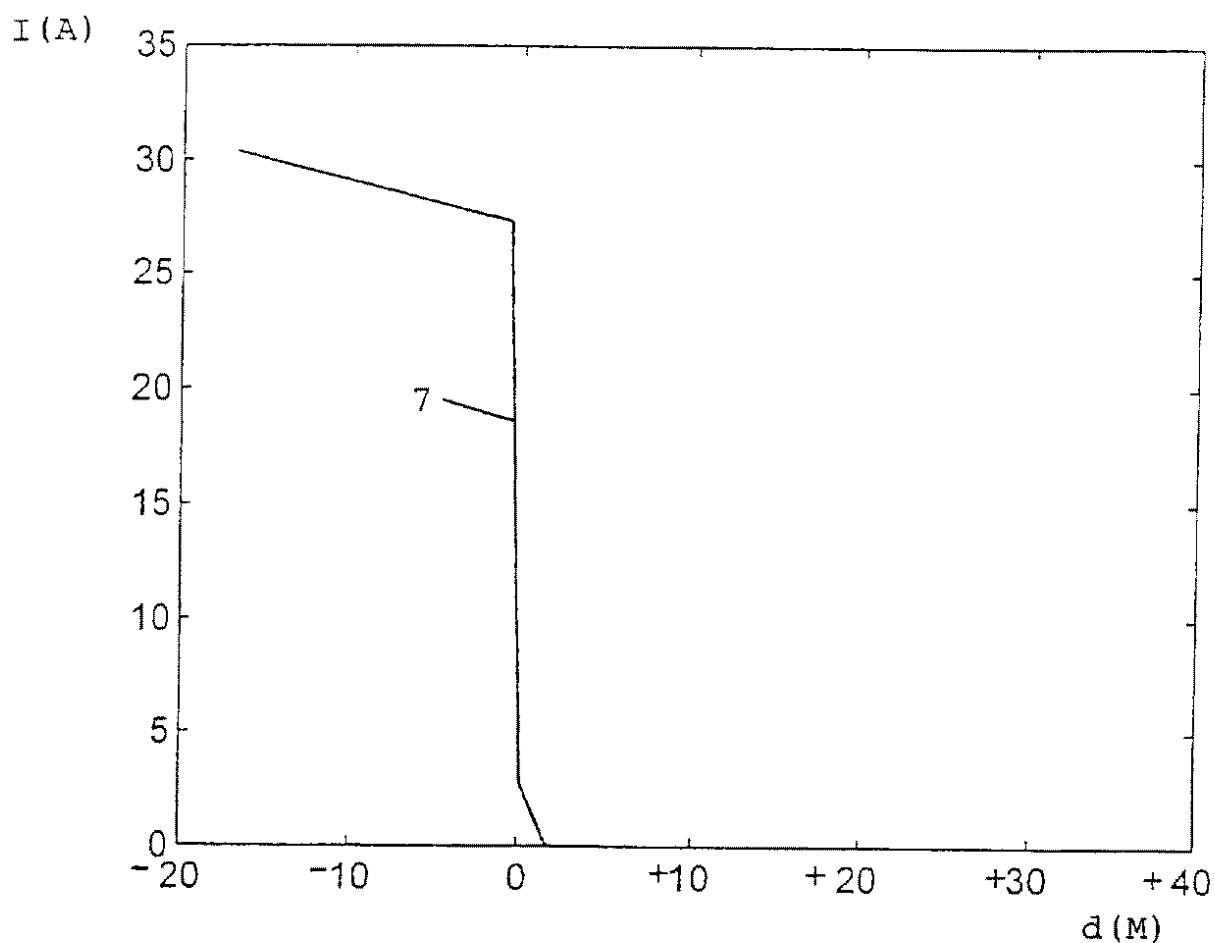


3

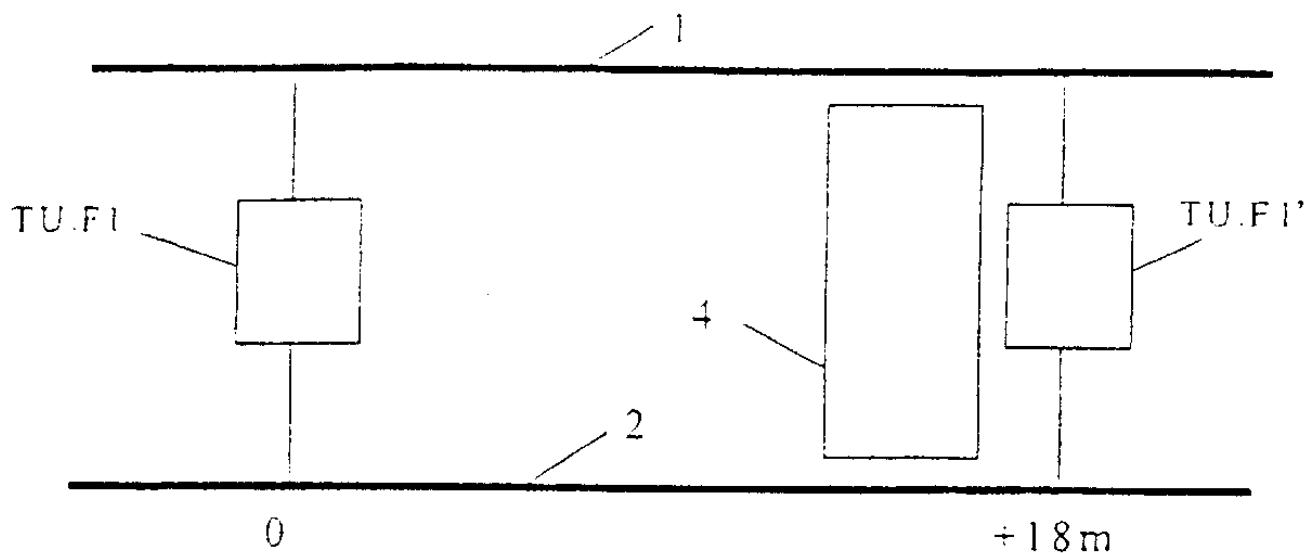




5



6



7

