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 (22) 2003 11 06

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(71) 53188 3000

(72) 가 4 7-127

(74)

:

(54)

, P가 , P(2)
 가 , (I-1) I가 , (I-1)

1

1

2

3

4

5

2

가

6

4

가

7

9

가

1 : 2 : /

3 : 4 :

5 : 6 :

7 : 100 :

, , (interleave block)

H3-126442 , P
 e signal) P(2)가 , (acoustic lin
 ng technique) (an interleaving scani

, | . | | 2 (l-1)
 , P=2, l=3 , (1), (2), (3), (4)
 ,
 (1)- (2)- (3)- (1)- (2)- (3)- (4)- (5)- (6)- (4)-
 (5)- (6)- (7)- (8)- (9)- (7)- (8)- (9)-
 , (1 3), (4 6), (7 9)

가

$P(1)$ 가 , , , P 가

1 가

2 , 가 |

(2)가 , , , 가 P , 가 , 가 .

⁵ , , ,

7 가 . ,

8 , , ,

8 , CF(co1or flow) B (B-flow technique) 3

9 , , , , f , , P(2)
/ , , , , 가

9 1

10 , , , , , I(2)
/ , , , , , 가
(I-1) (I-1)

10 2

11 , , , , , f , , P(2)
/ , , , , , 가
,
(intra-frame mode),
(inter-frame mode)
가

11 3

12 , , , , , I(2)
/ , , , , , 가
(I-1) , , , , , (I-1) 가
(I-1)

12 4

13 , , , , , 2
,

13 5

14 , , , , ,
,

14 6

15

, , , /

15

7

16

, , , /

16

8

, CF B 3

1

(100)

(100) ,

(1) ,

/

(1)

(2)

(5) ,

(3) ,

(6) ,

가

(4)

P

3

(7)

P (6) ,

(6b) ,

(6a) ,

(6c)

(6d) ,

(6e)

(1)

2

(1)

2

(100)

(S1)

, 3

(6a)

1

Fl,

2

, 3

3

F3 3

, 1

(S2)

,

(6b)

P

,

P 4

, 3

4

(S3)

, 4

(6c)

I

,

I 3

(S4)

,

(6d)

3

(6d)

가 45°

가 45°

(S5)

(S7)

가

(S6)

가

(S6)

3

(S7)

4

7

(S6)

(S7)

3

, 3 CF(color flow)

B

가

3

 $P=4,$
 F_2
 $(S_{31} \quad S_{36})$
 $I=3,$

1

F1

(S21 S26)

가

(S11 S16)

, 3 F3

2

(0)S11-(1)S12-(2)S13-(3)S11-(4)S12-(5)S13-(6)S11-(7)S12-(8) S13-(9)S11-(10)S12-(11)S13-(12)S14-(13)S15-(14)S16-...-(21)S14-(22)S15-(23)S16-(24)S21-(25)S22-(26)S23-(27)S21-(28)S22-(29)S23-...-(45)S24-(46)S25-(47)S26-(48)S31-(49)S32-(50)S33-...-(69)S34-(70)S35-(71)S36.

 $3 \quad F_2 \quad (S_{21} \quad S_{23}), \quad 1 \quad F_1 \quad (S_{11} \quad S_{13}), \quad I \quad F_1 \quad (S_{14} \quad S_{16}), \quad 2$
 $3 \quad F_3 \quad (S_{34} \quad S_{36}) \quad , \quad , \quad F_3 \quad (S_{31} \quad S_{33}),$

4

 $P=4,$
 F_2
 $(S_{31} \quad S_{36})$
 $I=3,$

1

F1

(S21 S26)

가

(S11 S16)

, 3 F3

2

(0)S11-(1)S21-(2)S31-(3)S11-(4)S21-(5)S31-(6)S11-(7)S21-(8) S31-(9)S11-(10)S21-(11)S31-(12)S12-(13)S22-(14)S32-...-(69)S16-(70)S26-(71)S36.

4 , F1, F2, F3

5

5 가

가

6

가

)

가

4

(

 $S12_1, S12_2, S12_3, \dots$
 $I, F2, \dots$

(x-z)

, RI1, R12, R13, ...

(x-z)

, F

S12_1, S12_2, S12_3,..., S56_3 , 4

4

7 , 가) , 9 가 (

$$S123_1, S123_2, S123_3, \dots \quad (x-z) \quad , RI1, R12, R13, \dots \quad (x-z) \\ , FI, F2, \dots \quad (x-z) \quad .$$

S123_1, S123_2, S123_3,..., S789_3 , 4

F B 3

(57)

1.

P
가

P(2)가

2.

1

$$I(-2) \nmid (-1), \quad I(-1) \nmid (-1)$$

3.

1

1

5.

1

6.

1

7.

,
 f ,
 P(2) ,
 P
 / ,
 가

8.

7 ,
 ,
 I(2) ,
 가 (I-1)
 (I-1)

9.

,
 f ,
 P(2) ,
 P /
 ,
 가
 a-frame mode), 가 (intr
 (inter-frame mode),
 ,
 가

10.

9 ,
 ,
 I(2) ,
 가 ,
 (I-1) ,
 ,
 (I-1) ,
 ,
 (I-1)

11.

7 9 ,

2

12.

7

9

,

13.

7

9

,

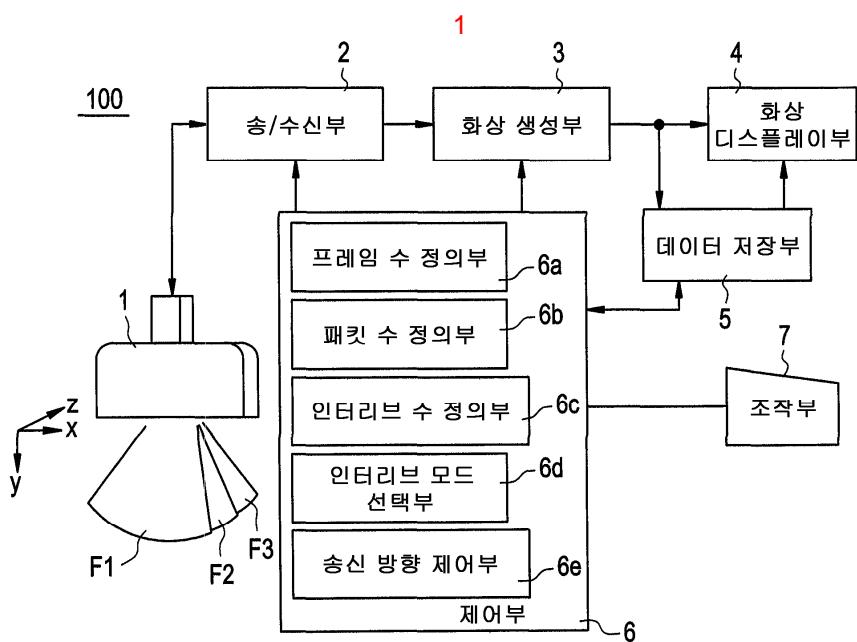
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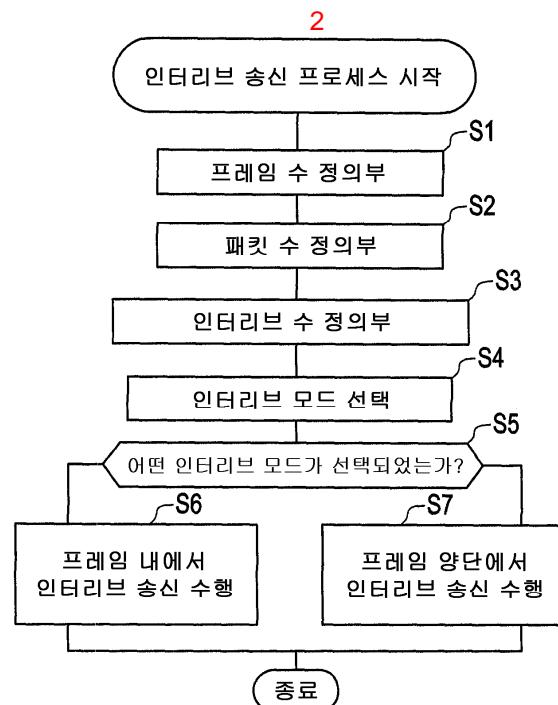
7

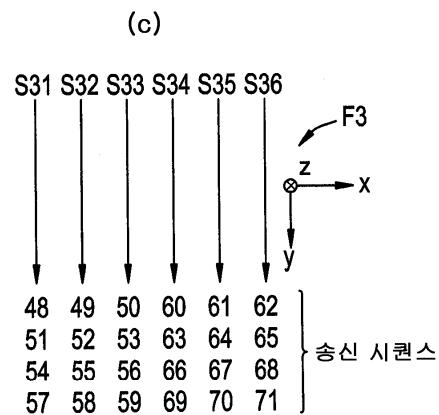
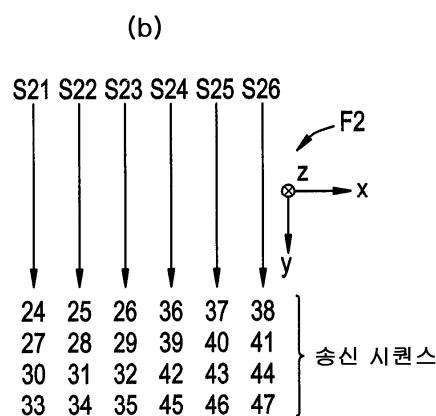
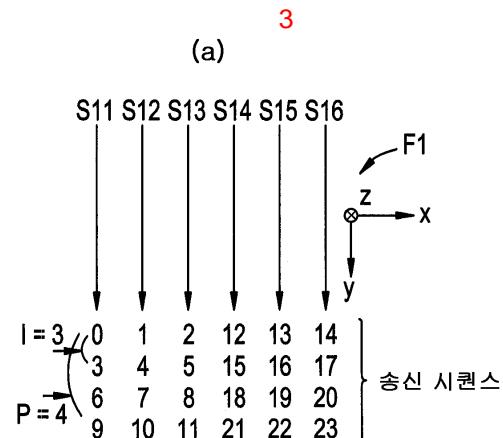
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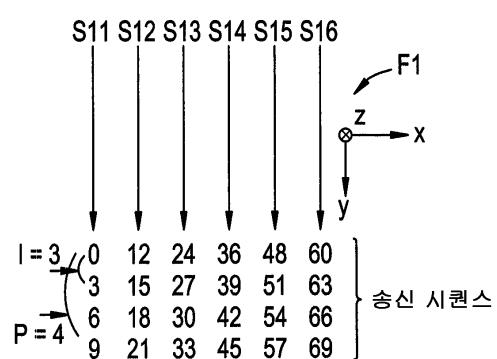
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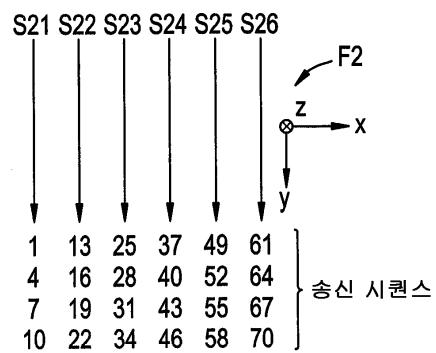




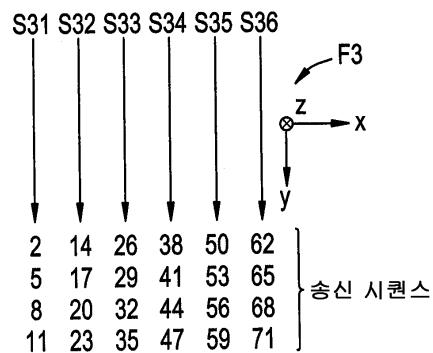
(a)

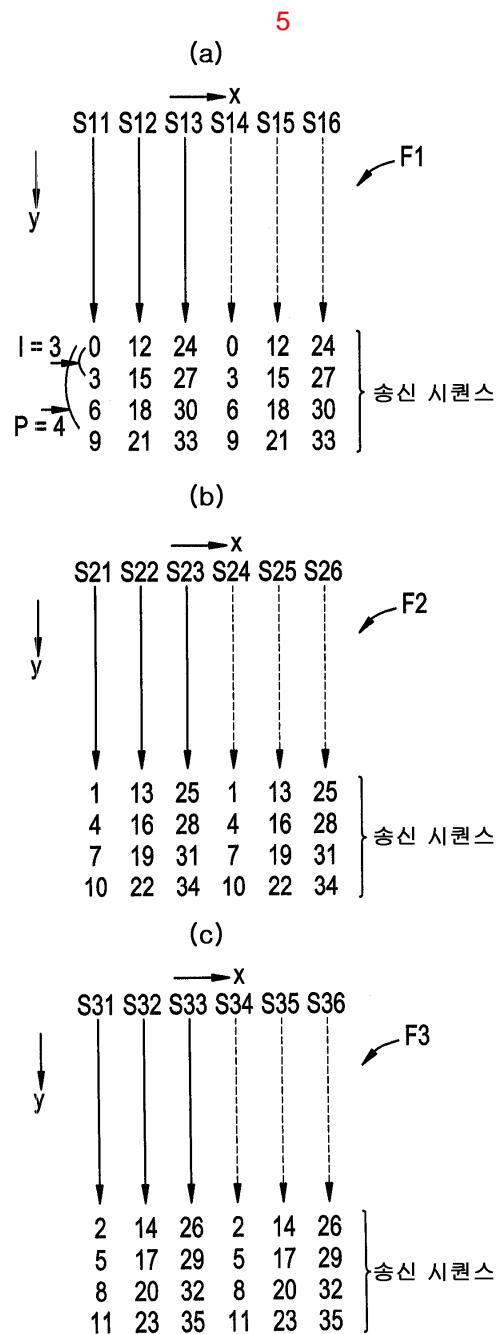


(b)

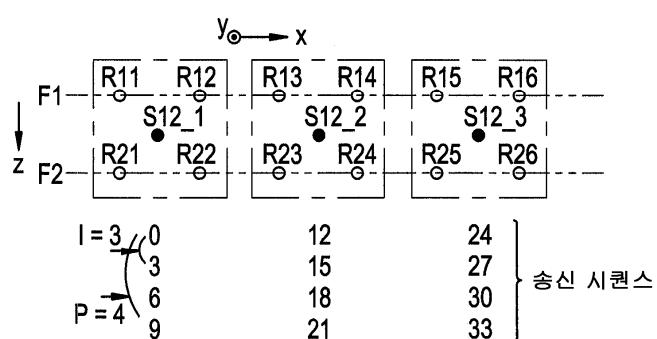


(c)

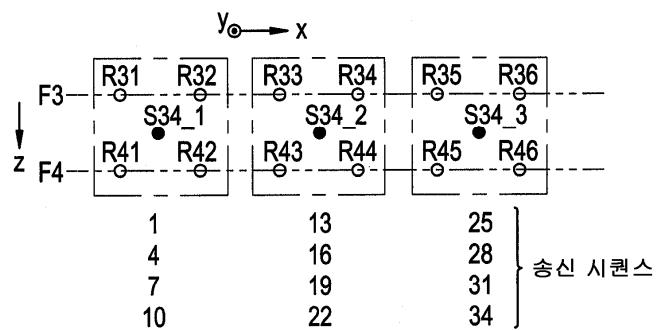




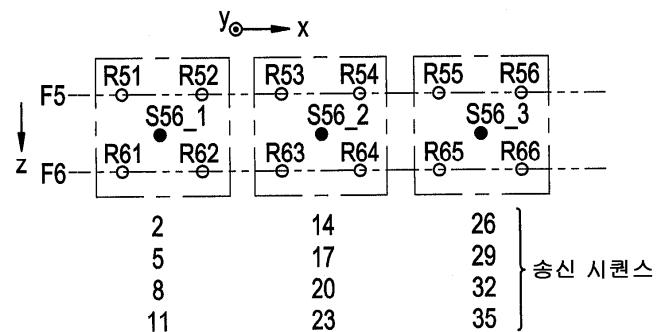
(a)

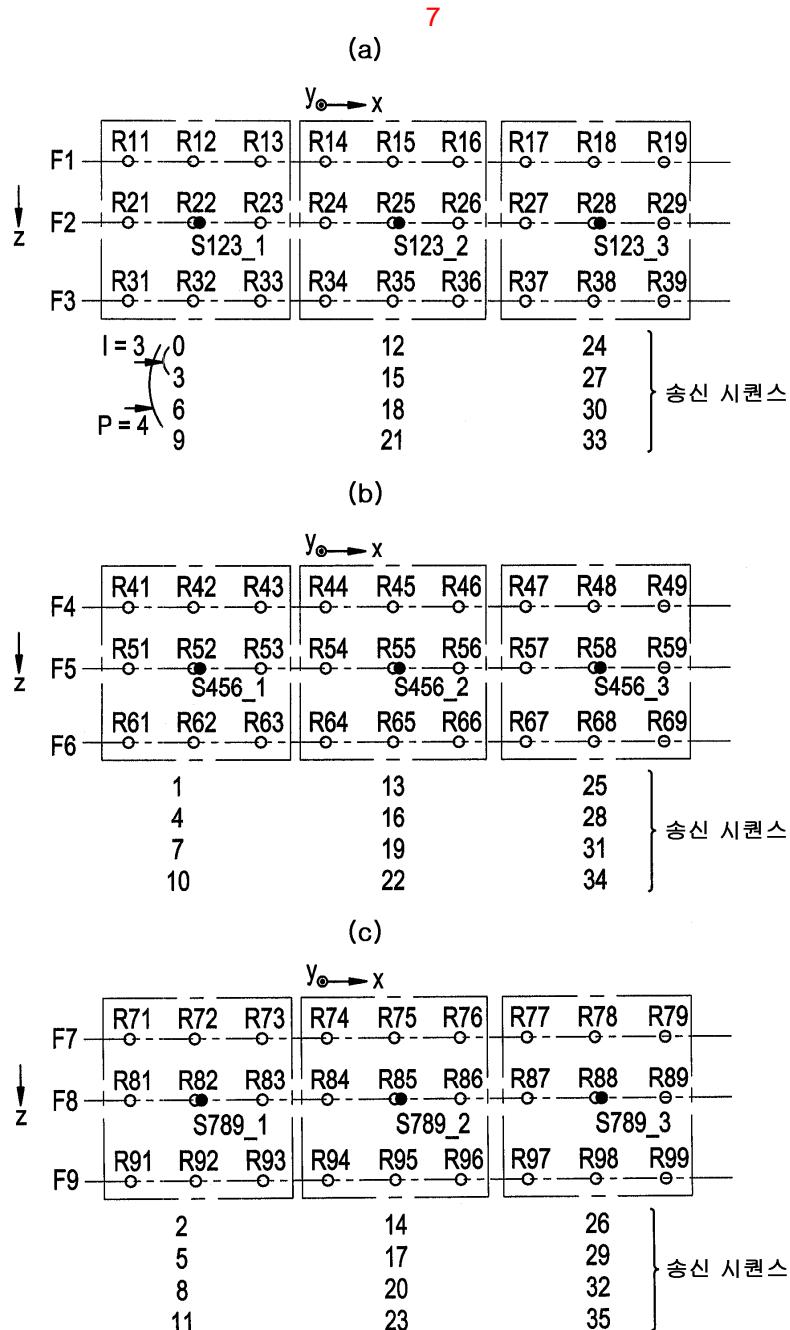


(b)



(c)





专利名称(译)	超声波诊断设备		
公开(公告)号	KR1020040041034A	公开(公告)日	2004-05-13
申请号	KR1020030078293	申请日	2003-11-06
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IPC分类号	G01S7/52 A61B8/00		
CPC分类号	G01S7/5209 G01S7/52095 A61B8/00 G01S7/52085 G01S7/52046 G01S7/52025 G01S7/52074		
代理人(译)	张居正 , KU SEONG		
优先权	2002323988 2002-11-07 JP		
其他公开文献	KR101027195B1		
外部链接	Espacenet		

摘要(译)

目的：提供一种用于防止交错块出现在屏幕上的超声诊断系统，当通过彩色流技术或B流技术收集三维数据来显示投影图像时，从屏幕上移除交错块。

