

(19)
(12)

(KR)
(A)

(51) 。 Int. Cl.⁷
A61B 8/00

(11)
(43)

10-2004-0041034
2004 05 13

(21)

10-2003-0078293

(22)

2003 11 06

(30)

JP - P - 2002 - 00323988 2002 11 07

(JP)

(71)

53188

3000

(72)

가 4 7-127

(74)

:

(54)

가

· , P가 , P(2)

(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 :

$$[0, \dots, 0, 1, 0, \dots, 0] \quad , \quad \text{(interleave block)}$$

e signal)
 ng technique)

(1-1)

$$, \quad | \quad . \quad | \quad | \quad 2 \quad .$$

, 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)

•

1

•

,

2

가

•

2

2

1
P(2)가 , , P
가
.
1 가 .
2
가 2
2 ,가 , I(2)가 ,
I-1) (I-1) (.
2 , 가 I .
3
(2)가 , , P P
가 , 가
가 .
3 , , 가
4 ,가 , , I(2)가 ,
(I-1) (I-1) 가
4 , I , I
가 .
5 , , , .
5 2 , 가
6 , , , .
6 , ,
가 .
7 , , , .

7 가 , .

8 , , , .

8 , CF(color flow) B (B-flow technique) 3 .

9 , , , f , P(2) , P / , 가 .

9 1 .

10 , , , I(2) , 가 (I-1) (I-1) .

10 2 .

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

11 3 .

12 , , , I(2) , 가 (I-1) , (I-1) 가 .

12 4 .

13 , , 2 , .

13 5 .

14 , , , .

14 6 .

15 , , , / .

15 7 .

16 , , , / .

16 8 .

, CF B 3
 ,
 .
 .

1 (100) .

(100) , (1) , (1)
 / (2) ,
(3) , (4) , 3
(5) , (6) , 가 P (7)

(6) , (6a) ,
 P (6b) , I (6c)
 , (6d) , (6e)
 .
(1)
 2
 .
(1)

2 (100) .

(S1) , (6a) 1 FI, 2 F2, 3 F3 3 , 1
 , 3

(S2) , (6b) P , P 4 , 3 4
 4

(S3) , (6c) I , I 3 ,
 3 4

(S4) , (6d) .

, 3, (6d)

가 45°

가 45°

(S5) 가 (S6) 가
(S7)

(S6) 3

(S7) 4 7

(S6 S7) , 3 CF(color flow) B 가
3

3
P=4, l= 3, 1 F1 (S11 S16) , 2
F2 (S21 S26) , 3 F3
(S31 S36) 가 ,

(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 , 1 F1 (S11 S13), l F1 (S14 S16), 2
F2 (S21 S23), 2 F2 (S24 S26), 3 F3 (S31 S33),
3 F3 (S34 S36)

4
P=4, l= 3, 1 F1 (S11 S16) , 2
F2 (S21 S26) , 3 F3
(S31 S36) 가 ,

(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 , 4 (가

S12_1, S12_2, S12_3,... (x-z) , RI1, RI2, RI3,... (x-z) , F
I, F2,... (x-z)

S12_1, S12_2, S12_3,..., S56_3 , 4 .
7 , 가) 가 , 9 가 (.
S123_1, S123_2, S123_3,... (x-z) , R11, R12, R13,... (x-z)
, F1, F2,... (x-z) .
S123_1, S123_2, S123_3,..., S789_3 , 4 .

CF B 3

(57)

1. P 가 P(2)가 ,
2. 1 ,
l(2)가 (l-1) , 가 (l-1)
3. 1 ,
4. 1 ,
5. 1 ,
6. 1 ,

7.

,
f
P(2)
P
/
가

8.

7
가 I(2)
(I-1) (I-1)

9.

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

10.

9
가 I(2)
(I-1) (I-1)
(I-1)

11.

7 9

2

12.

7

9

13.

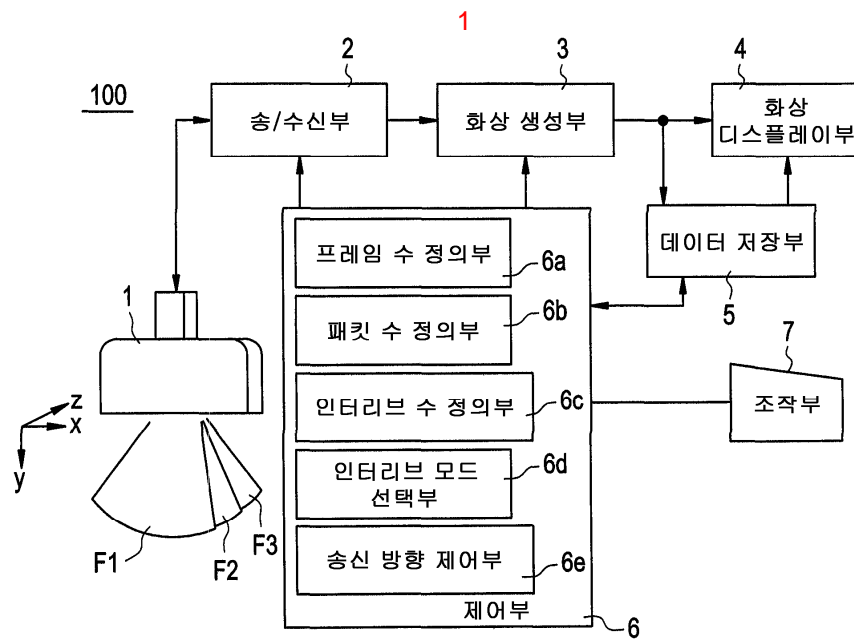
7

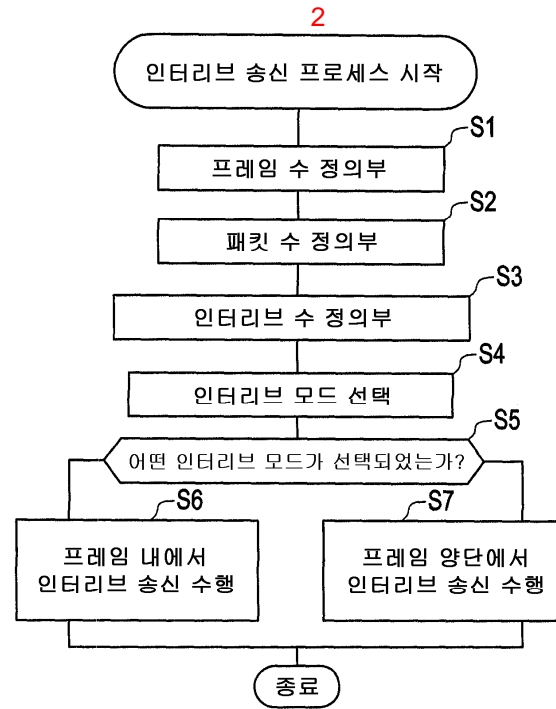
9

14.

7

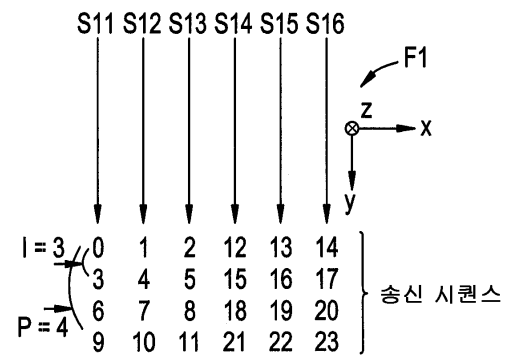
9



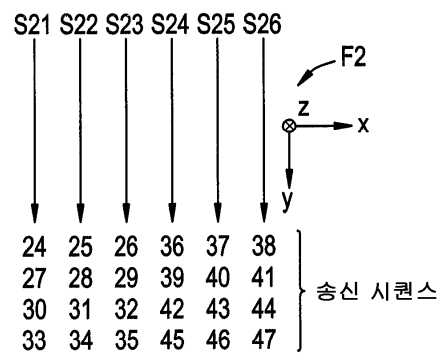


3

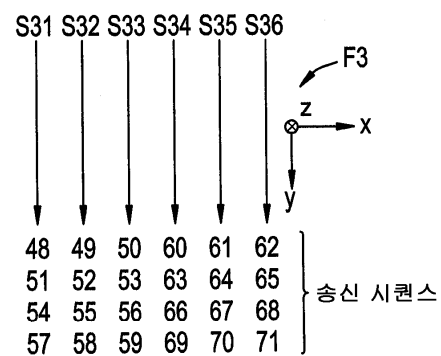
(a)



(b)

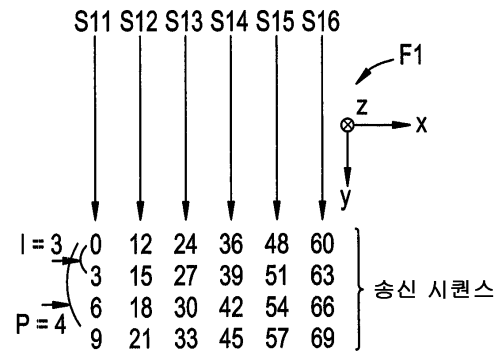


(c)

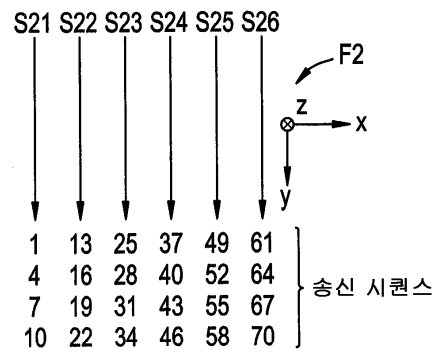


4

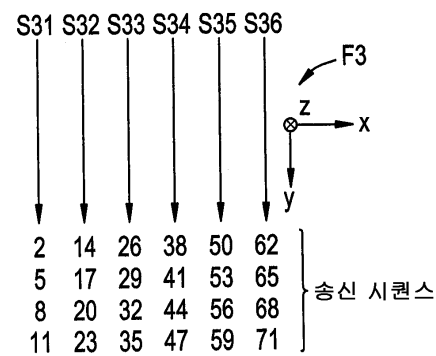
(a)



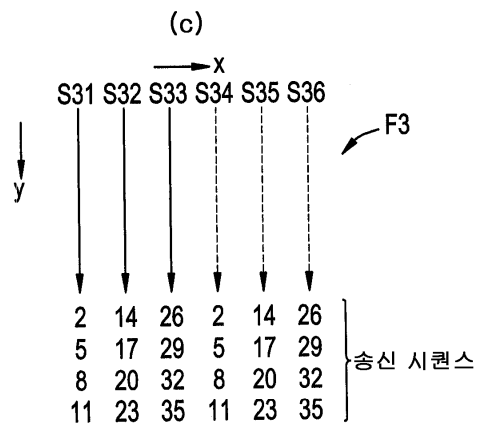
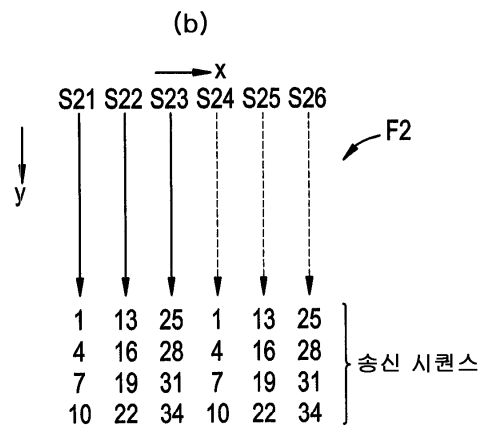
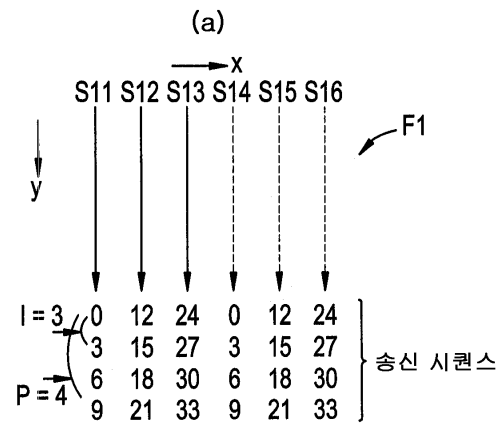
(b)



(c)

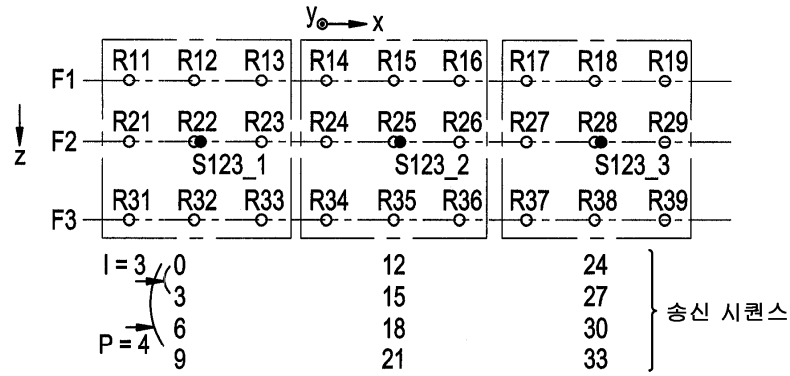


5

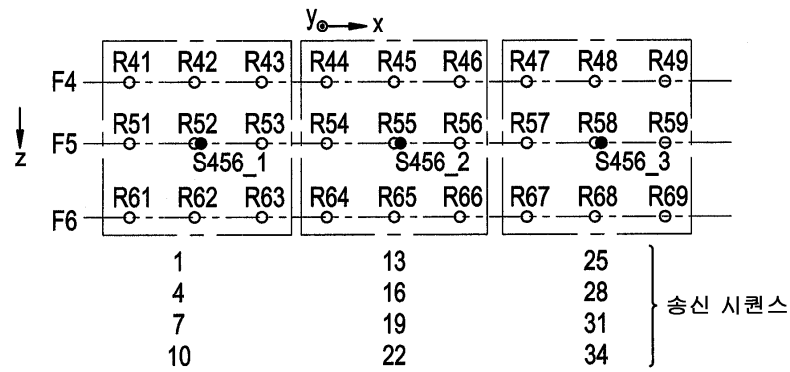


7

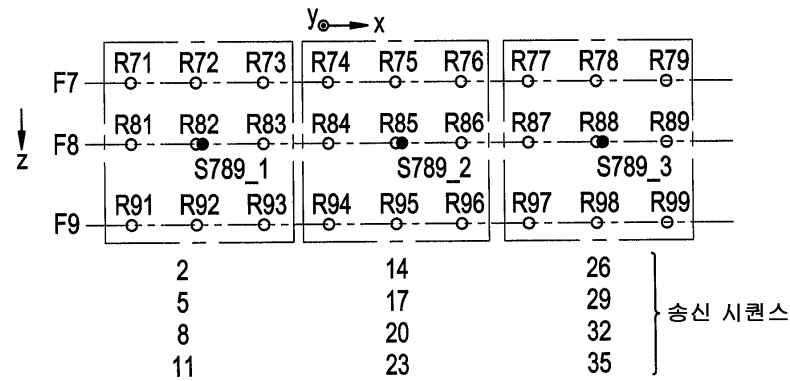
(a)



(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
申请(专利权)人(译)	지이메디컬시스템즈글로벌테크놀로지컴파니엘엘씨		
当前申请(专利权)人(译)	지이메디컬시스템즈글로벌테크놀로지컴파니엘엘씨		
[标]发明人	SHIMAZAKI TADASHI		
发明人	SHIMAZAKI,TADASHI		
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。

