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2003 10 31

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(71)

53188

3000

(72)

가 4 7-127

(74)

:

(54)

(52)

가 ,

(56) ,

(55) ,

1

1

2

3 2

4 2

5 2

6 2

1

7 2 1 ,

8 .

12 : 13 :

21 : 23 :

31 : 32 :

33 : 42 :

, ,

.

mand) , (freeze on com
ure) 가 . (contrast timer) (stopwatch feat

, 가 ,

, ,

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2001-17427 2001-252271

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,

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, (freeze-off)
1

, ,

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, 가 ,

, , .

1 , , / , , ,

가 ,

6 , / 가 ,

7 , / , 가

(operation-at-start-of-injection means) ,

7 , , 가 ,

8 , / , 가

1 (injection-freeze countdown)

8 , , 1 가 ,

9 , / , 가

1 가 ,

9 , /

10 , / , 가 /

(time-measurement-start commanding/operating means) , /

10 , , 가 ,

가

16 /

가

1 , (100) .

(100) , (1) , (1) (acoustic line)

(1)

/ (2) , 가 (timer information) (3) , DSC(digital scan conv

erter)(4) , (5) , 가

(6) , / (2), (3) DSC(4) (7)

(6) , 가 / (61) , (operati

on-at-start-of-injection section)(63) , 가 (64

) , (

65) , 1 / 가 (67) , 가

/ (66) , 가 가 (68)

(7) , / (9) ,

/ (10) , (63)가 0

가 (11) , 0

(12) , 0

(13) ,

(14) ,

(15)

, (7) , (63) 0

(21) , (63) 1

(23) , (64) 0

(31) , (64) 0

가 (32) , (64)

(33)

, (7) , (30) /

(40) , (intermittent - imaging - elapsed - time - after - imaging)(41) ,

(42)

2 , (62)

ST1 , .

ST2 , (63) .

ST3 , 가 15 .

ST4 , .

ST5 , 1 .

ST6 , .

ST7 , 가 2 .

ST8 , .

ST9 , 1 .

ST6 ST9가 , .

3 , 가 (62) , 2

(50) , .

/ (51) , / .

(52) , . ,

(53) , .

(54) , 가 , , ' ' .

4 , 가 / (61)

(50) , (51) ,

(52) , , '12:59:00' , '33s'가

(54) , , ' '가 .

5 , 가 (63) .

(50) , .

s'가 (52) , (63) , '13:00:00' '3
, '60s' (63)

(53) , (63)

(55) , (63)

(56) ,

(57) , (63) 1
1

6 가 , / (61)

(50) ,

(52) , '13:00:16' , '24s'가
, '16s'

7 , 가 , / (61) 1

(50) ,

(52) , '13:01:16' '87s'가
, '60s' ,

(58) , (63)

(68) , 5 7 (55),

8 ,

(64) (65) (10) ,

(50) , 1 (1/60)

(81) ,

(82) ,

(83) , (64)

(84) , (65) (6

4)

(68) , 8 (81) (82)
(83) (84)

(1) , (54) (55) ,

(2) 가

가 ,

(57)

1.

/ ,

(freeze-on operation)

/ ,

2.

/ ,

/ ,

3.

/ ,

(freezing device)

(contrast agent)

가

4.

/

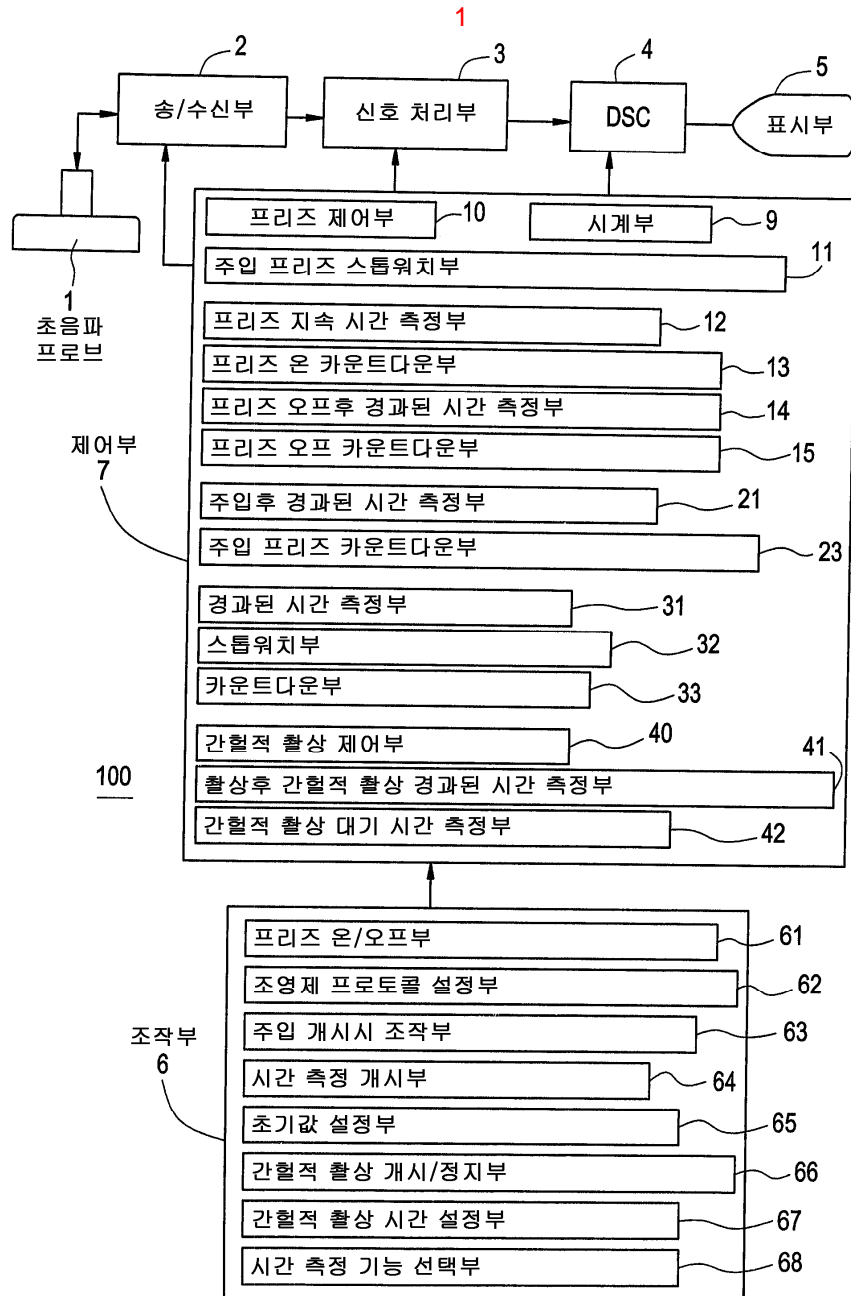
가

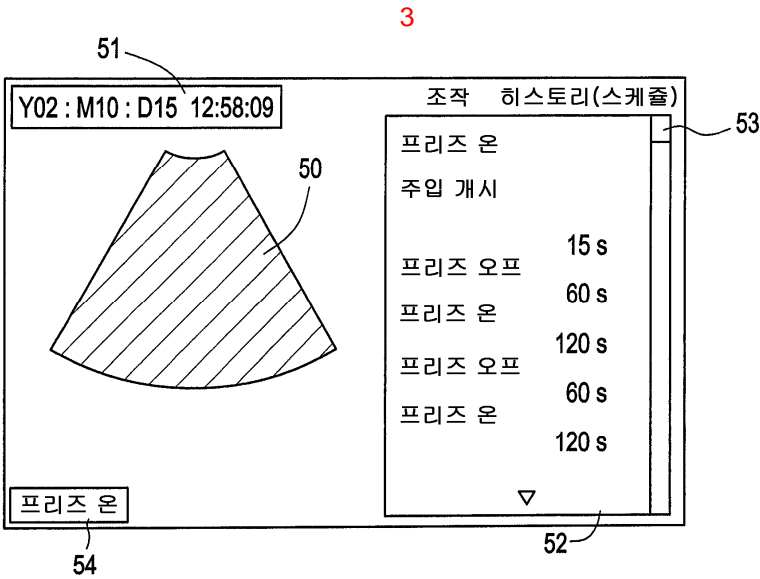
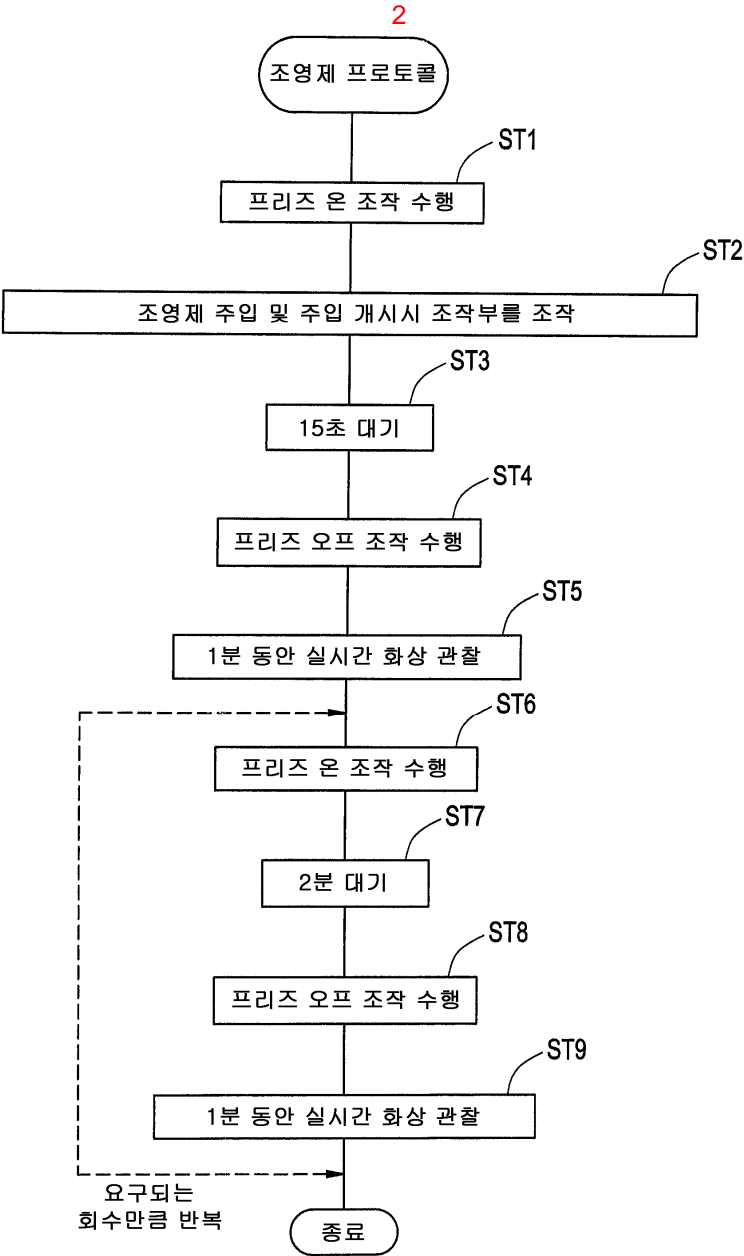
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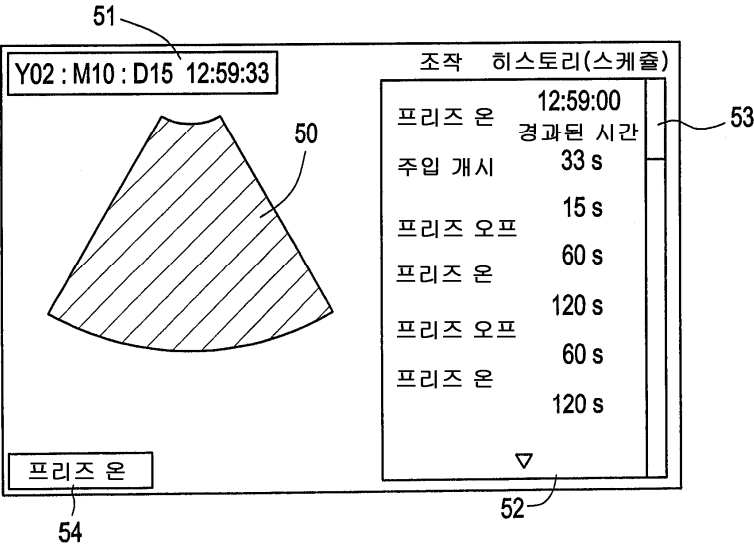
5.

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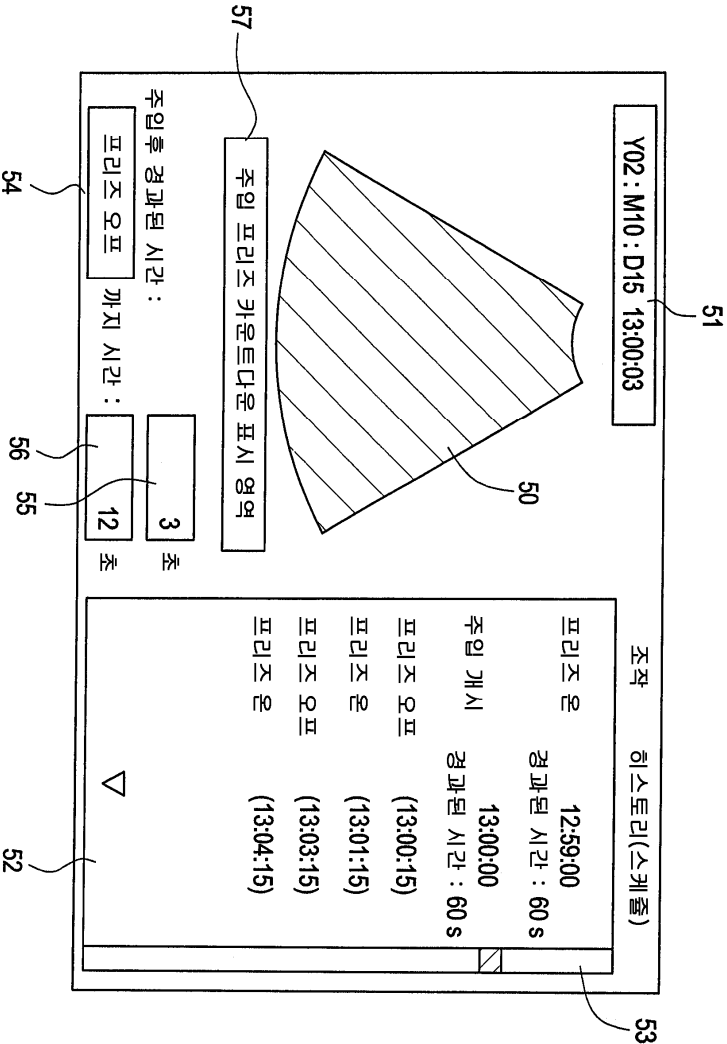


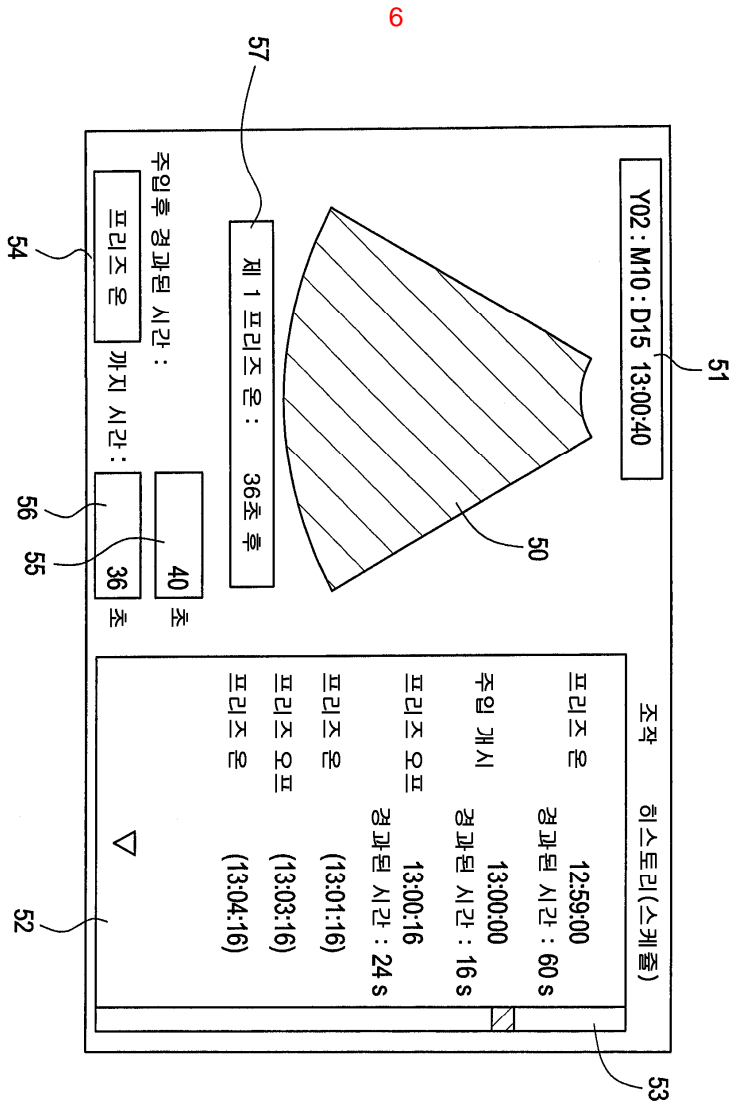


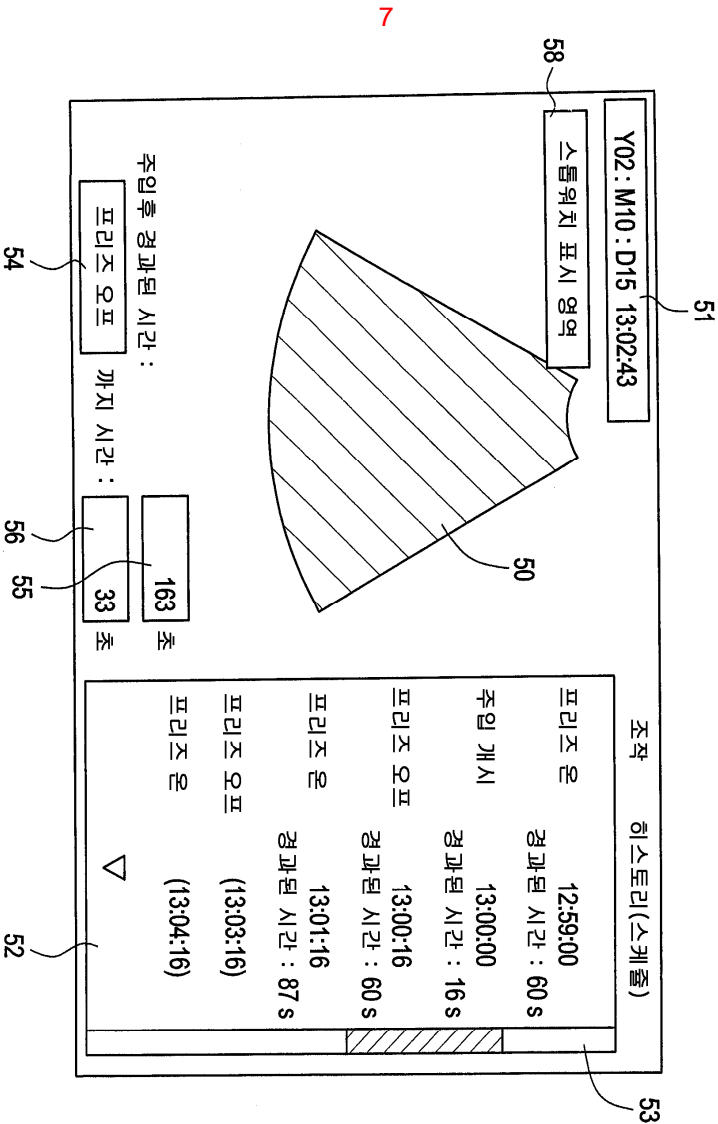
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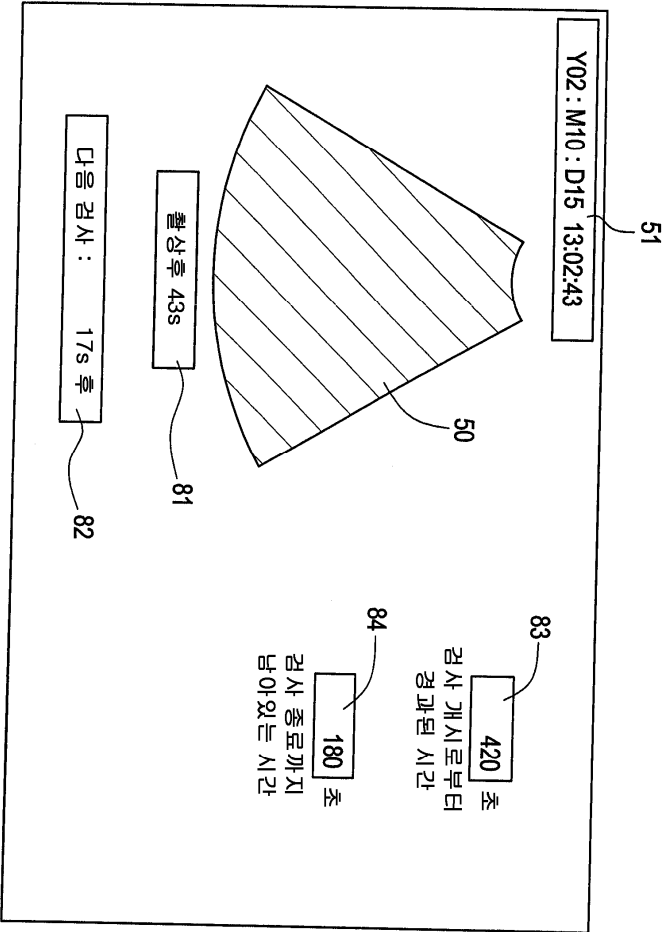


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专利名称(译)	超声波诊断设备		
公开(公告)号	KR1020040038868A	公开(公告)日	2004-05-08
申请号	KR1020030076644	申请日	2003-10-31
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发明人	HASHIMOTO,HIROSHI		
IPC分类号	A61B8/00		
CPC分类号	G01S7/52098 A61B8/481		
代理人(译)	张居正, KU SEONG		
优先权	2002319171 2002-11-01 JP		
其他公开文献	KR101025345B1		
外部链接	Espacenet		

摘要(译)

目的：提供一种超声诊断设备，用于识别造影剂协议期间的时间进程或间歇成像时段期间的时间进度，以通过识别没有时钟的时间过程来增强屏幕上的浓度并提高工作效率。

