

(19) (KR)  
 (12) (A)

(51) 。 Int. Cl. 7  
 A61B 8/00 (11) 2002 - 0048888  
 (43) 2002 06 24

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(21) 10 - 2001 - 0079912  
 (22) 2001 12 17

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(30) JP - P - 2000 - 0038 2000 12 18 (JP)  
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(71) 53188 3000

(72) 가 4 7 - 127

(74)

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(54)

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00) (100) , , 가 , (5

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2

5

102 : CPU104 :

106 : 108 :

110 : DC      210 :

310 : 512 :

, , 2

, " B - " , 가 , B -

,  
velocity distribution) " (color Doppler)" 가 . ,  
" " 가

(Continuous Wave · CW)

가

IC

가

B.

가

(2) , , , , (1)  $\models$

(3) , , , , , (2)

(7) , , , , , , (1) (6)  
CPU 가 .

CPU 가 , , , , 가 (OS) CPU OS

(8) , , CPU OS , , (7)

- ,
- CPU      OS  
가    CPU    OS
- (9) , (1) (8)
- ,
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- ,
- (10) , (9)
- ,
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- (11) , (1) (10)
- ,
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- ,
- 가
- (12) , (1) (11)
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- (13) , (1) (12)
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- (14) , (1) (13)
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- (15) , (12) (14)  
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- ,
- 1            2
- ,
- (16) , (1) (15)
- ,

(17)

(1) (16)

(18)

(16) (17)

1 2

1 2

(19)

(1) (18)

(20)

(1) (19)

(21)

(1) (20)

(22)

(21)

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1 2

(23)

(1) (22)

B -

, B -

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가

(24)

(23)

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가

(25)

(23) (24)

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가

가

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가

(100)

(500)

(100)

(100)

(500)

가

(300)

(200)

(200)

(300)

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(hinge : 400)

(100)

(400)

(300)

(400)

(200)

가

(400)

(300)

(200)

(300)

(200)

(300)

(100)

(300)

2

(folded condition)

(200)

가

(200)

(214)

(210)

(216)

(210)

(212)

(214)

(10)

(300)

가

(310)

(312)

(310)

LCD(

(314)

)

(100)

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(500)

(500)

(100)

가

(100) (500) 가 . , (100) , 2  
 , (500)

(100)  
 (100) 가  
 (500)  
 , , (100) (500) 가 (500) , (100)

3 (100) (500) (550) (560) 가 . , (550) , (500) (500)

, (100) (560) (120) (100) 가 (receptor : 120) , (500)

4 (560) (560) (120) (120) (560) , (120) (560) , (120) (100)  
 (560) (120) (122) (562) 가 . (122) (562) 가 , (120)  
 (100) (500)

5 가 . CPU(102) (104) , (104) OS(100) CPU(102) (102)  
 OS , PDA(104) , (104) OS OS . OS . OS . OS

CPU (210) (310) . (210) (310)

CPU(102) (106) (108) (600) . (106) (700) (108) (600)  
 (108) (106) CPU(102) . (700) , B -

(108) . CPU(102) . CPU(102) . B -

B - (310) (312) . (700)  
 B - (700) . (700)

(100) (110) 가 (110) . (110) . CPU(102), (104),  
 (106), (108), (210) (310) (110)  
  
 (110) (500) , , (112) (112)  
 가 . . (112)  
  
 가 (500) , (110)  
 . , (100) (500)  
  
 (500) CPU(502) 가 CPU(502) CPU CPU . CPU(502)  
 (504) (506) . . (504) , RAM( ) 가  
 (506) OS OS (100) (506) (504) OS OS  
  
 OS OS , PC( ) EWS( ) (504) 가 ,  
 가 OS가 . . , CPU(102) (506)  
  
 CPU(502) CPU(102) . CPU , USB( ) )  
 IEEE 1394 . , CPU(502) CPU(504)  
  
 CPU(502) , (210) CPU(102) CPU(102) CPU(102) CPU(502)  
 . , CPU(502) .  
  
 CPU(502) (CW) (510) (510) (510) (100)  
 (600) . . . .  
  
 0) (100) (108) (51) (51)  
  
 , CPU(502) . CPU(502) (51)  
 100) CPU(102) . .  
  
 . CPU(102) (100) (108) , (312) CPU(102)  
 . . (310) (314)

(510) , (100) 가 가 , (510) 가 (100)  
 10) , (500) , (100) 가  
 가 .

(100) CPU(102) (500) CPU(502) CP  
 U(502) (506) , CPU(502)  
 (506) ,  
 CPU(502) (508) (508) , MOD(508) DVD  
 ( ) , 가 , CPU(502) (508)  
 ,

(506) CPU(502) CPU(502)  
 . CPU(502) (506) (310)

(500) (512) 가 (512) (100) CPU(102)  
 102) ,  
 VGA SVGA , (310) CPU(102)  
 , NTSC(TV) , PAL(Phase Alternation Line) TV  
 .

가 (514) (514) ,  
 1 2 VGA (516) (514) ,  
 , (514, 516, 518)

CPU(502) (518) ,  
 , USB (506)  
 . CPU(102),

, (514, 516, 518),

522) 2 (500) (520) (522) (524) (524)  
 . (524) , 1 2 ,

(524)		(526)	(528)
(100)	(110)	.	,
(526)		CPU(502),	
(504),	(506),	(508),	(512)
(528)		,	,
(100)	(108)	.	.
(522)	(524)		
		(528)	
		(524) 1	2

(57)

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7            ,            CPU            OS            CPU            OS

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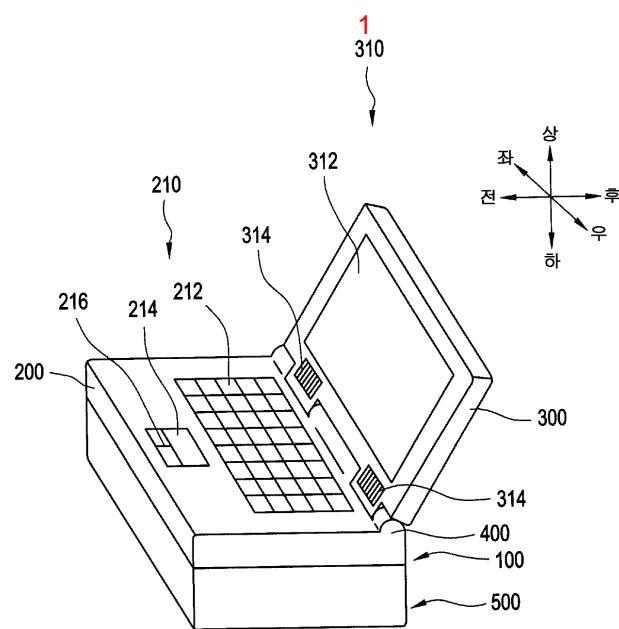
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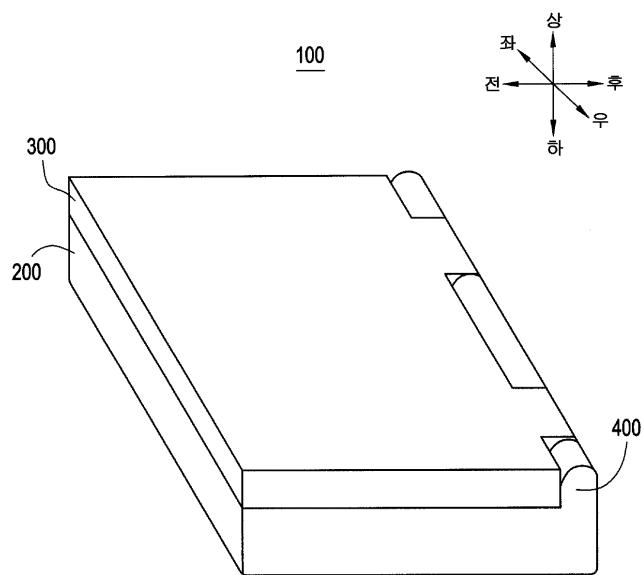
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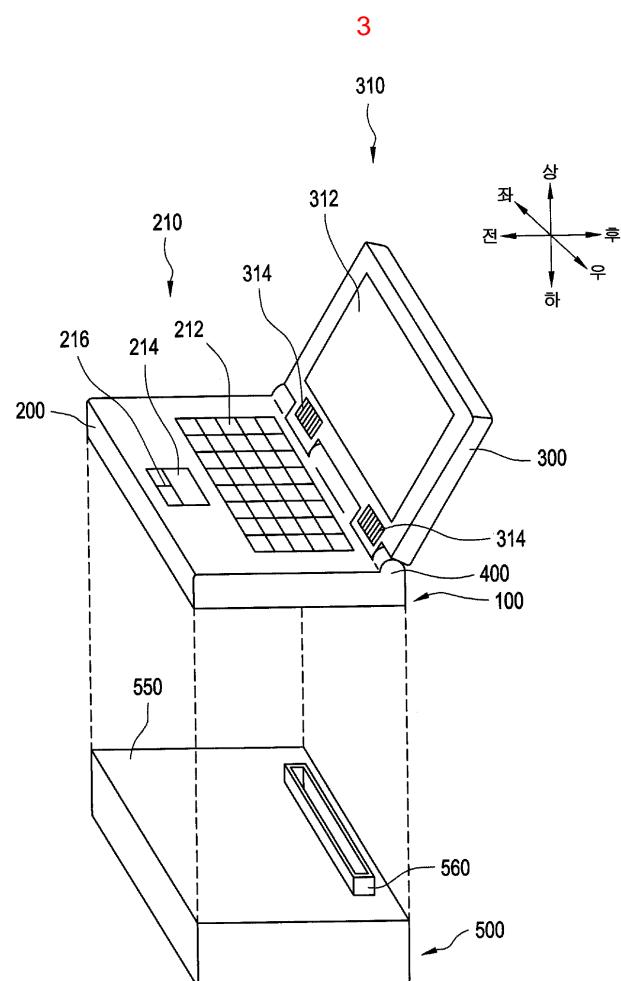
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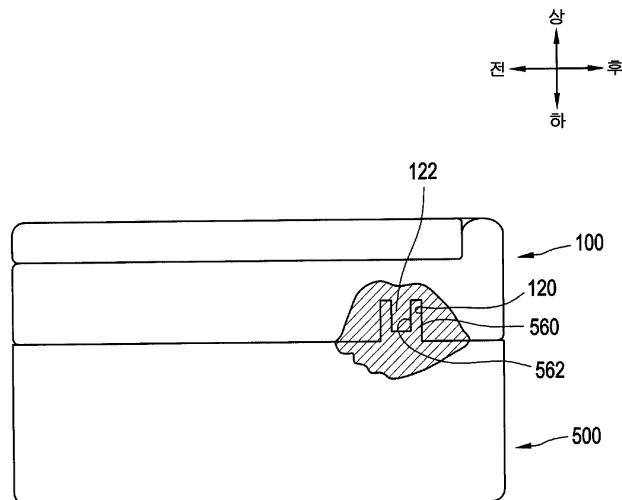


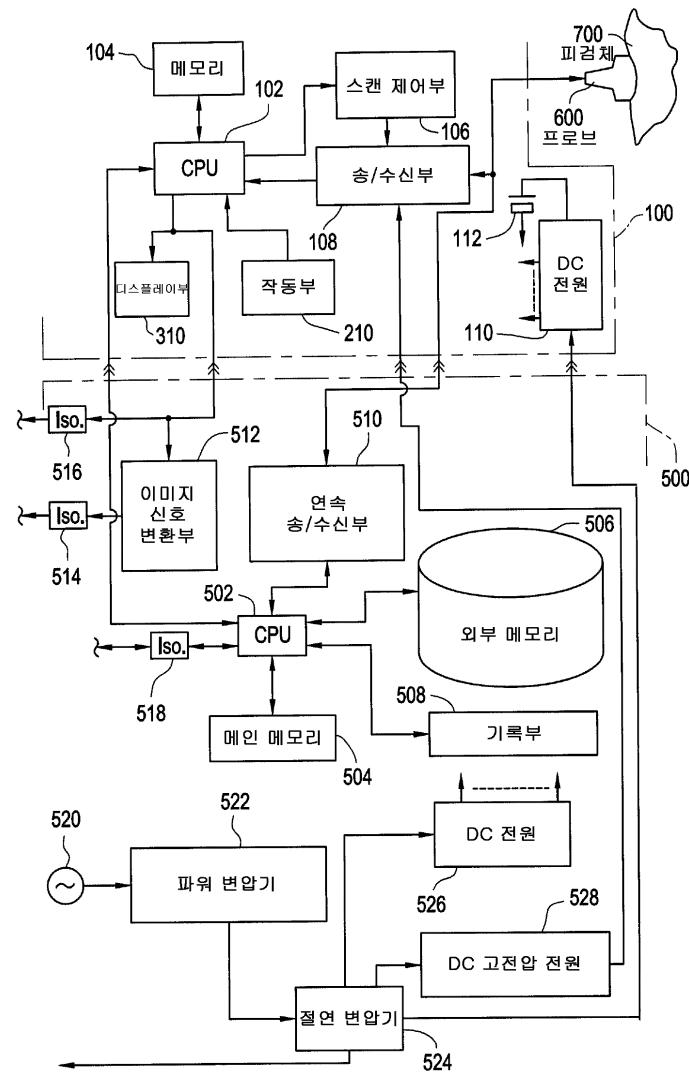
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专利名称(译)	超声波成像装置		
公开(公告)号	<a href="#">KR1020020048888A</a>	公开(公告)日	2002-06-24
申请号	KR1020010079912	申请日	2001-12-17
申请(专利权)人(译)	지이메디컬시스템즈글로벌테크놀러지컴파니엘엘씨		
当前申请(专利权)人(译)	지이메디컬시스템즈글로벌테크놀러지컴파니엘엘씨		
[标]发明人	AMEMIYA SHINICHI		
发明人	AMEMIYA, SHINICHI		
IPC分类号	H04N5/225 G01S7/539 G01S7/52 G01S15/89 A61B8/00 A61B8/06		
CPC分类号	A61B8/4433 G01S15/899 G01S7/52055 A61B8/4427 G01S15/8979 A61B8/56 A61B8/565		
代理人(译)	KIM, CHANG SE 张居正 , KU SEONG		
优先权	2000383674 2000-12-18 JP		
外部链接	<a href="#">Espacenet</a>		

## 摘要(译)

目的：提供一种超声成像设备，能够满足便携性和多功能性的要求。组成：一个装置包括一个成像设备（100）和一个支撑设备（500）。成像设备（100）具有基本的超声成像功能。支撑设备（500）具有用于支撑成像设备（100）以扩展成像设备（100）的功能的功能。成像设备（100）通过铰链（400）将大致盒形主体（200）与大致平面的面板（300）连接而构成。铰链（400）设置在主体（200）的后端的上部和平面板（300）的下端部之间。

