

(19)
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A61B 8/00(11)
(43)2002 - 0048888
2002 06 24(21) 10 - 2001 - 0079912
(22) 2001 12 17(30) JP - P - 2000 - 0038 2000 12 18 (JP)
3674

(71)

53188

3000

(72)

가 4 7 - 127

(74)

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(54)

(100) , (5

00) , , 가

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3 ,
4 ,
5 .

102 : CPU104 :

106 : 108 :

110 : DC 210 :

310 : 512 :

2
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가 , B - B -
.
(flow v
elocity distribution) , " (color Doppler)" 가 .
가 .
(Continuous Wave : CW)
가
IC , B - 가
가

- (1) , , 가 , , .
- 가 , 가 가 가 , 가 .
- (2) , (1) 가 .
- 가 ,
- (3) (2) .
- 가 ,
- (4) (1) (3) 가 .
- 가 ,
- (5) (4) 가 .
- 가
- (6) (5) 가 .
- 가
- (7) (1) (6) (OS) CPU 가 .
- 가 (OS) CPU OS
- (8) CPU OS CPU OS (7) .

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

(17) , (1) (16)

(18) , 1 2 , (16) (17)

1 2 ,

(19) , (1) (18)

가 . ,

(20) , (1) (19)

가 . ,

(21) , (1) (20)

가 . ,

(22) , (21)

1 2 .

1 2 ,

(23) , (1) (22)

B - /

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, B - / ,

가 .

(24) , (23)

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, 가 .

(25) , (23) (24)

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, 가 .

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가

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1 , (100) (500) (100)

가 . (500) (100) 가

(100) (500)

, , , 1 (100)

(300) (200) (hinge : 400) (400)

(200) (300)

(300) (400) (200) (400) (300)

가

(300) , (300) 2 (200)

(100) (folded condition)

(200) (300)

(200) (210) (210) (212) (214)

가 (214) (216) (210)

(200) ()

(300) (310) (310) (314)

가 (312) , , LCD()

가 (314) , , 가 (3

10)

(500) (100) 가

(100) (500)

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

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

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

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

4 (560) (120) (120) (560) (100)
 (560) . (120) (560) (100)
 (500) .

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

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

OS , , PDA() OS 가 OS가 OS
 . , CPU(102) , (104) . OS OS

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

CPU(102) (106) (108) (106) (108)
 . (108) (600) . (700) (600)
 (600) .

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

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

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

(100) (110) 가 (110) CPU(102), (104),
 (106), (108), (210) (310) (110)

(110) (500) ,
 (110) (112) , , (112)
 가 (112)

가 (500) , (110)
 , (100) (500)

(500) CPU(502) 가 CPU(502) CPU CPU(502)
 (504) (506) (504) , RAM(
) (506) , HDD() 가

(506) OS OS OS OS
 OS (100) OS OS
 OS (506) (504)

CPU(502) (506)
 (100)

OS , PC() EWS()
 가 OS가 , CPU(102) (504) 가 ,
 (506)

CPU(502) CPU(102) CPU , USB()
 IEEE 1394 , CPU(502) CPU(504)

CPU(502) , (210) CPU(102) CPU(502)
 , CPU(502) 가 ,
 CPU(502) CPU(102)

CPU(502) (CW) (510) (510) (100)
 (600) (510) CPU(502)

(100) (108) (51
 0)

CPU(502) CPU(502)
 , CPU(102) (

(100) (108) CPU(102)
 CPU(102) (310) (312)
 , , (314)

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

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

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

(500) (512) 가 . (512) (100) CPU(

VGA, SVGA, NTSC(TV), (310) PAL(Phase Alternation Line) CPU(102) TV

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

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

, (514, 516, 518) ,

(500) (520) (522)

522) 2 (524) . (524)

 (524) , 1 2

 , : , .

(524) (526) (528) ,
(100) (110) .

(526) CPU(502),
(504), (506), (508), (510) (512) .

(528) .
(100) (108) , ,
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(522) (524) (528)
 , (524) 1 2 .

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가 OS CPU 가

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CPU OS CPU OS

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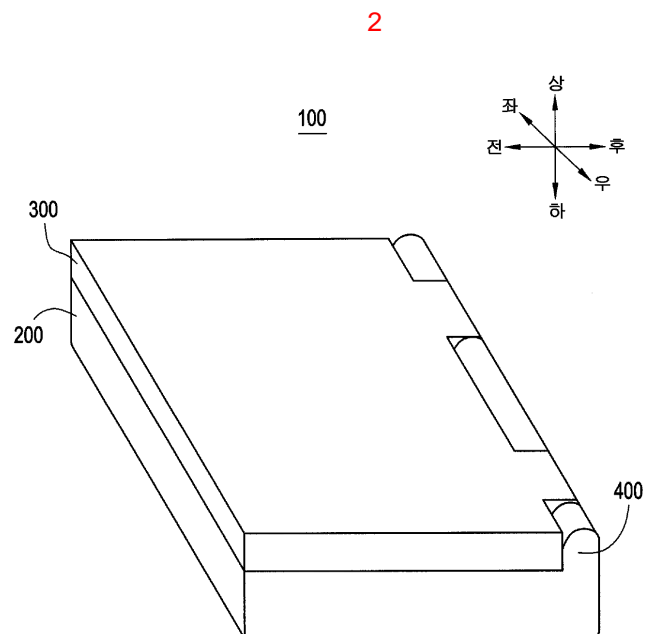
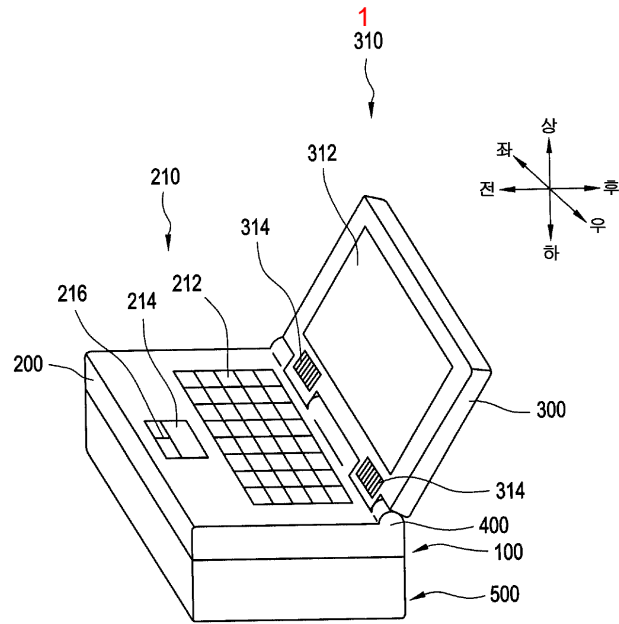
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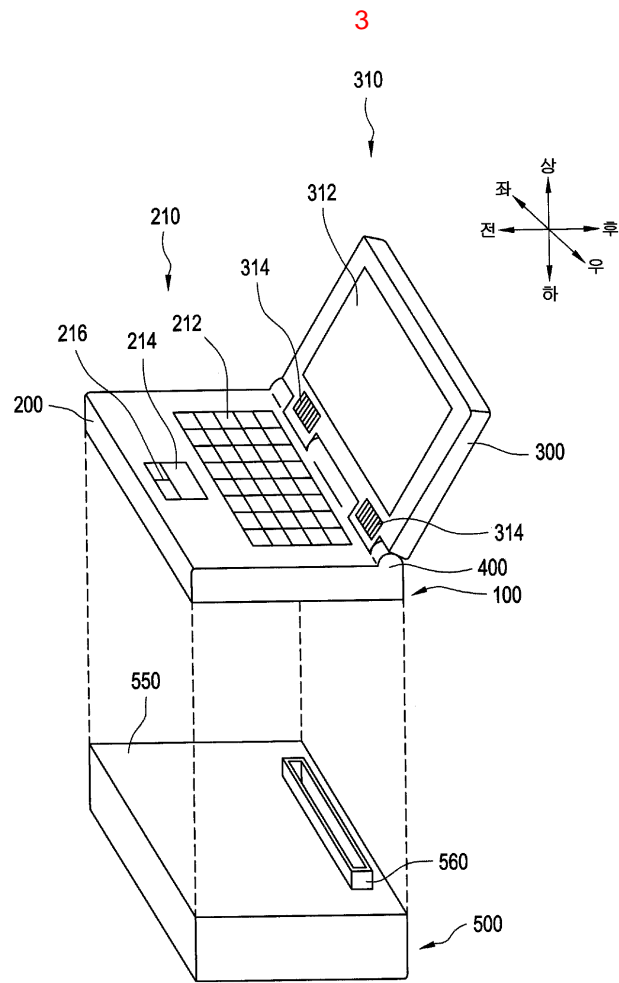
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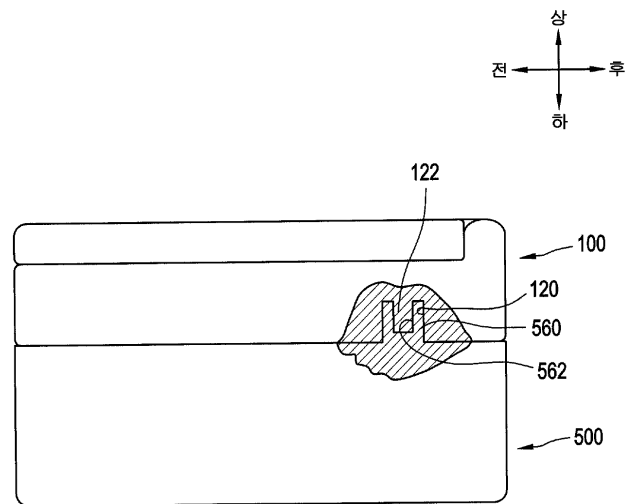
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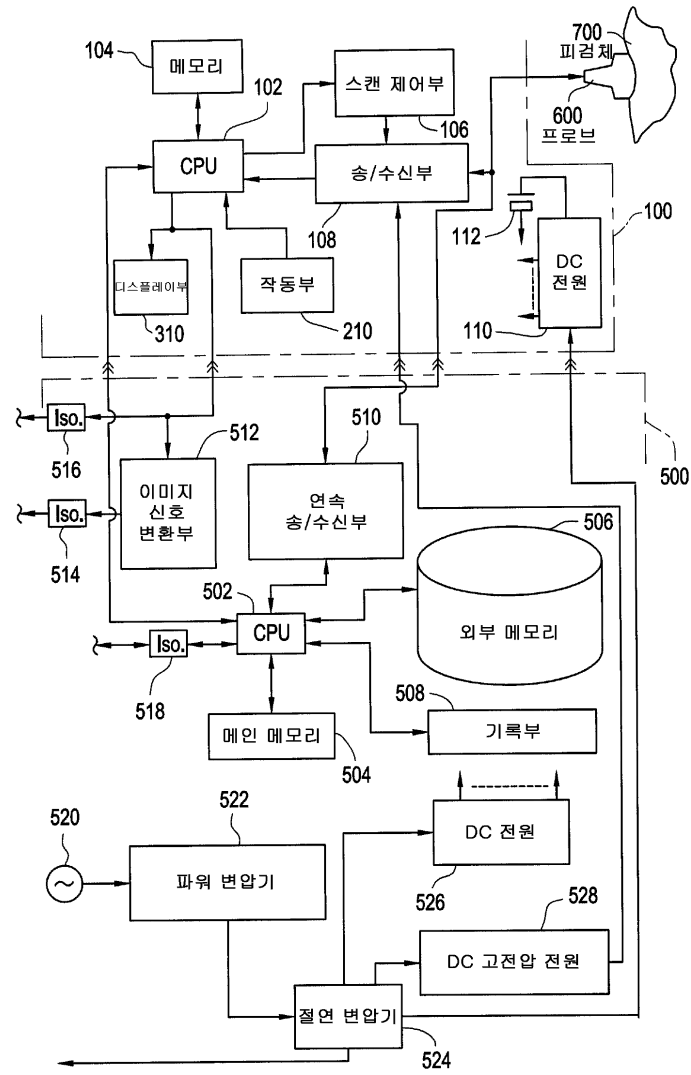




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专利名称(译)	超声波成像装置		
公开(公告)号	KR1020020048888A	公开(公告)日	2002-06-24
申请号	KR1020010079912	申请日	2001-12-17
申请(专利权)人(译)	지이메디컬시스템즈글로벌테크놀로지컴파니엘엘씨		
当前申请(专利权)人(译)	지이메디컬시스템즈글로벌테크놀로지컴파니엘엘씨		
[标]发明人	AMEMIYA SHINICHI		
发明人	AMEMIYA,SHINICHI		
IPC分类号	H04N5/225 G01S7/539 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	Espacenet		

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）和一个支持设备（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。

