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(71) , 60196, , 1303

(72) , 60089 395

60067 1106

60046 310

(74)

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(54)

1 (275) (200) , (260), (210),
(212), (240), (250), (230), (275), (235),
(220) . 가 (275) , LCD(200)
(250) , 가 , (275) , (235) -
(275) LCD(200) , 2 (214) , , (2
35) 가 .

1 LCD 1 .
 2 LCD 2 .
 3 LCD .
 4 LCD .
 5 LCD .

< >

100 :

110 :

112 : 1

120 :

130 :

135 :

140 :

150 :

160 :

175 :

214 : 2

(LCD) , LCD
 LCD (PDA), 가 , , ,
 , 가, LCD () ()
 , ' (front)' 가 LCD , ' (rear)' LCD

3 (335) LCD (310)
 , (312) (360) (320)
 , (335) (370) (360, 312)
 (340) (310) , (335, 370) (320) (350)
 (380) (370)

393 (335) LCD(300)
 (330), (380) (370), (320), (335),
 391 (350), (340), (312), (310), (360)
 LCD(300)
 0) (360), (310), (312), (340), (350), (33
 (335) (310) (310) (340), (350), (360)

가 (335) LCD(300) , 391
 , 393
 , (purity) , (312) , 1

(dual cell gap) LCD가
 4 (412)가 (435)

LCD 3 (410)
 (440) (412) (460) (420)
 (460, 440, 412) (410) , (435, 470) (420) (470)
 (450) (412) (430)
 - (480) (470)
 , (435) LCD(400) 가
 , 가
 , LCD(400)
 , LCD(300)
 LCD(400) (parallax)
 LCD 5 (575) LCD(500)
 (560) (510) (512)
 70) (575) (520) (560, 512) (510) (570) (5)
 (520) (550) (540) (510) (570, 575)
 (580) (575) (530)

593 (575) LCD(500)
 (530), (580) (575), (570), (520),
 591 (550), (540), (512), (510), (560)
 LCD(500)
 591 (560), (510), (512),
 (540), (550), (530), (520), (570) 592
 (530), (550), (540), (512), (510), (570), (520),
 (570)

592 , 593 . 591

5) (570)가 , 2 가 , (520) 500 (57)
 (550) 가 100 (596) 가 , 591
 592 LCD, LCD
 LCD , 가 , 가
 () , 가
 1 , 1 ,
 LCD LCD
 가 , 2 , 가 LCD 가
 LCD 가 (,
) () 가 LCD ,
 LCD
 1 (175) LCD(100) 1 (,
 110) (112) , (160) (175)
 (120) (135) , (135) (120) , (,
 150) (160, 112) (110) , (135, 175) (120) , (,
 - (180) (120) (140) (130)
 193 (175) LCD(100)
 (130), (180) (120), (135), (175),
 191 192 (150), (140), (112), (110), (160)
 191 (175) LCD(100)
 2), (140), (150), (130), (160), (110), (11
 192 (150), (140), (135) (175) , (130),
 (112), (110), (160)
 192 , 193 191
 (175)가 , 가 , (135) -
 1 , 2 가 가 10 ,
 ((150) (112)) 가

(175) LCD(100) 가 ,
 2 , 1 .
 (135) (112) LCD(200) 2 2 .
 (275) 2 (214) 가 2 , 2 ,
 2 (214) , 4 (412)
 , (210) 2 (214) , 2 (260) (220)
 5) (275) , (214) (214) (235) , (23
 (214) , 1 (275) 1 (212) 2 (212) (214)
 (260) (210) , (212, 214, 235, 275) (220) (250)
 (280) (220) (240) (230)
 293 (275) LCD(200)
 (280) (220), 2 (214), (235),
 (275), 1 (212), (230), (250), (240), (L
 210), (260) 291 292 (275) (260),
 CD(200) (210), (240), (250), 291 (230), 1 (212), (L
 275) (275), 1 292 (212), (230), (250), (235) (210),
 (260)
 292 , 293 291
 , 2 (275)가 , 2 가 , (235) (L
 250) 가 10 ,
 2 (214)
 가 , 가
 , 가 1 (212) , 2
 (212) 가 2 (214) , 가 1 2
 , 가 , , 가
 (LCD), LCD ,
 , 가 , 가
 , , 가 ,
 , LCD , -

LCD

(57)

1.
 (160);
 (160) (110);
 (110) (140);
 (140) (150);
 (150) (130);
 (130) (175);
 (175) (135);
 (135) (120)
 (100).

1 **2.**
 ,
 (110) 1 (112) (100).

2 **3.**
 ,
 1 (112) (135) (100).

2 **4.**
 ,
 (135) 2 (214) (100).

4 **5.**
 ,
 2 (214) (100).

1 **6.**
 ,
 (120) - (180) (
 100).

7.
 (160);
 (110);
 (120);

(110) (120) - (150);
 - (150) (120) (175);
 (175) (120) (135)
 (100)

7 **8.**
 ,
 (135) 1 (112) (100)

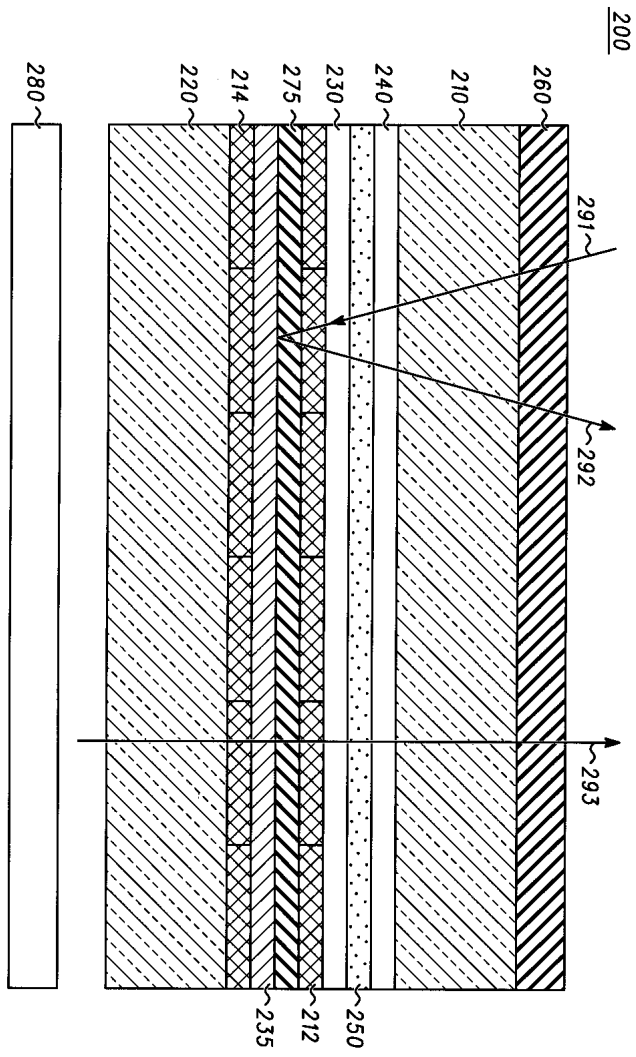
8 **9.**
 ,
 (135) 2 (214) (100)

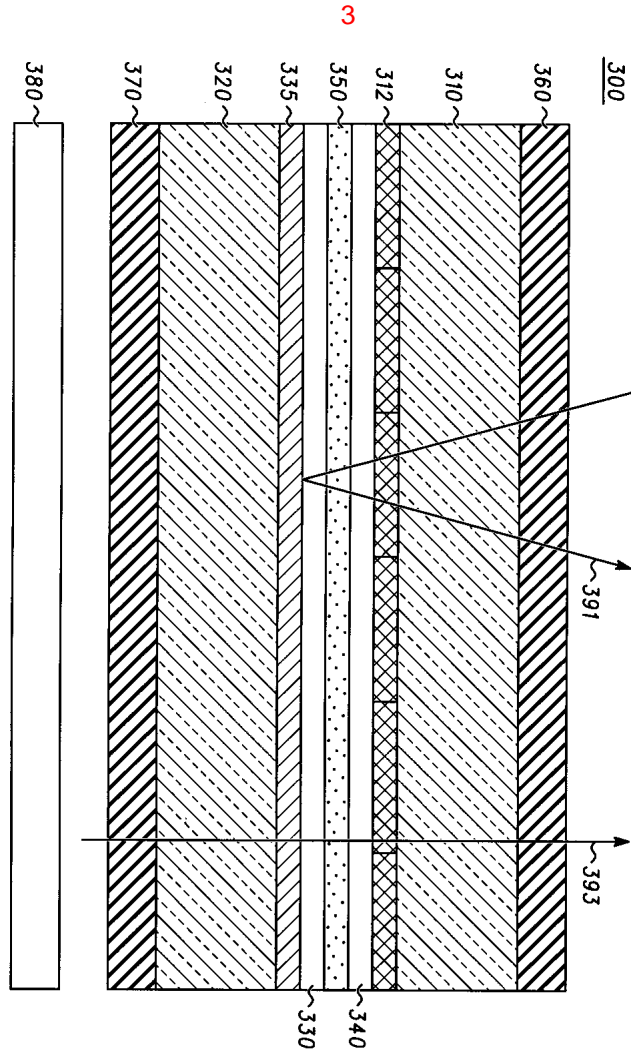
9 **10.**
 ,
 2 (214) (100)

7 **11.**
 ,
 (120) - (180) (

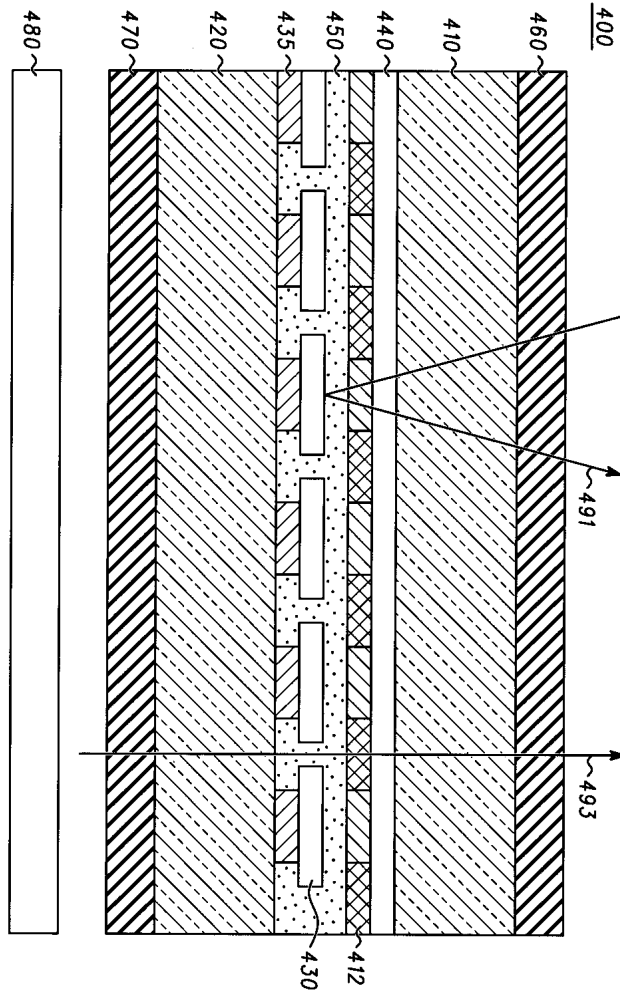
100)

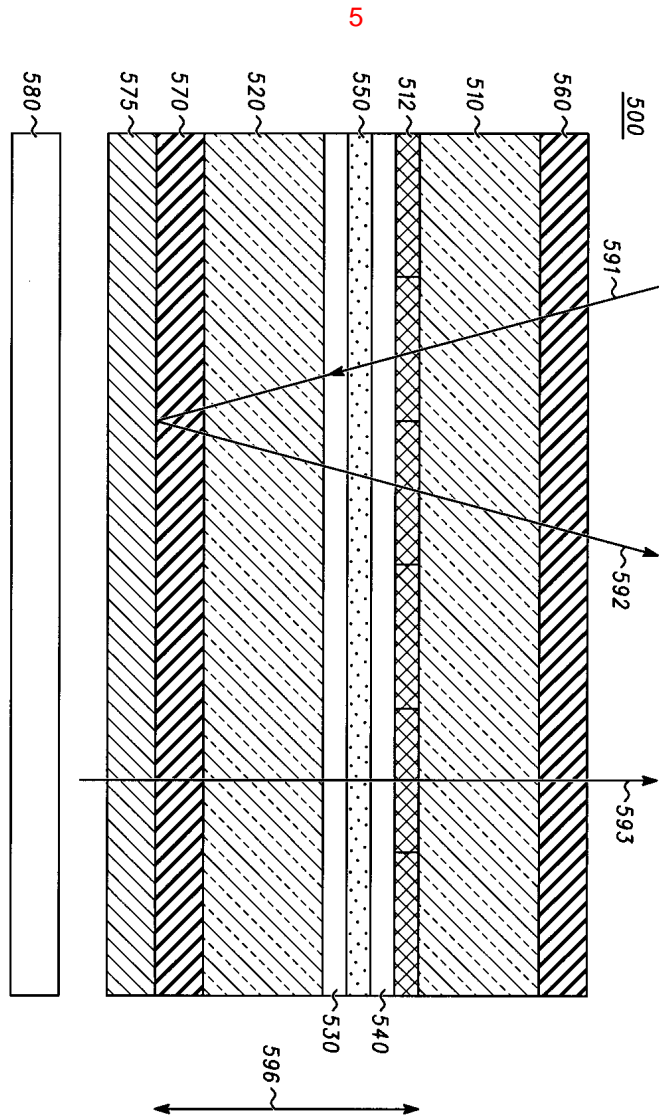
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专利名称(译)	具有内部后偏振器的透反式彩色液晶显示器		
公开(公告)号	KR1020040094636A	公开(公告)日	2004-11-10
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[标]申请(专利权)人(译)	摩托罗拉解决方案公司		
申请(专利权)人(译)	摩托罗拉解决方案公司		
当前申请(专利权)人(译)	摩托罗拉解决方案公司		
[标]发明人	ZHUANG ZHIMING 창지밍 AKINS ROBERTB 아킨스로버트비 POLAK ROBERTD 폴락로버트디		
发明人	창,지밍 아킨스,로버트비. 폴락,로버트디.		
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代理人(译)	CHU, 晟敏 LEE, JUNG HEE		
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其他公开文献	KR100666063B1		
外部链接	Espacenet		

摘要(译)

具有内后偏振器275的半透半反式彩色液晶显示器200包括前偏振器260，前基板210，第一滤色器层212，前透明电极240，液晶层250后透明电极230，后偏振器275，反射构件235和后基板220。通过包括内后偏振器275，透反式彩色LCD 200的反射模式和透射模式之间的光路差异几乎是没有什么。内后偏振器275还具有很小的视差，因为内反射器235非常靠近图像形成层250。还可以在内反射器235之后添加第二滤色器层214，以在透射模式期间增强具有内后偏振器275的透反射颜色LCD 200的亮度和颜色饱和度。有。1 指数方面 透反式彩色液晶显示器，偏振器，反射，图像形成层，颜色过滤层

