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2001 10 29

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(22) 2000 03 28

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10,20... 11,21...

12... 13,16,22...

14,17,23... 19a,270...

19b,280... 24...

25... 26...

27... 28...

29... 100,200...

110,210... 120,220...

130,230... 140,240...

150,250...

가

(liquid crystal display,LCD)

(simple matrix)

(active matrix)

nematic, TN) (super twisted nematic, STN) (twisted angle) 가 90° (twisted 180° 270° 가 TFT(thin film transistor)

STN STN TN 가

(200) 가 가 (21)

(200) (220) , (240)

T (220) 가 , PE
 (220) (210) (220) (210) () (220) 가

(240) (240) (230)

(240) 가 (240) 가 () (Ag paste)

(220)(240) 가 (220)(240) (250)가
 (300)가 (220)(240)

(250) 4 5

(21) (28) (220) (240) (260) (260)

(260)(28) (210) (230) 가
 가 (260)

(210)(230) (210)(230) 가

(28) (210)(230) (260) (21)

(21) (22) , , (2)
 70) (200) (2)

20) (280)

가

(21) (270) (back light) (21) (
 28) 가 (270)

180° 270° STN(super twisted nematic)

3.

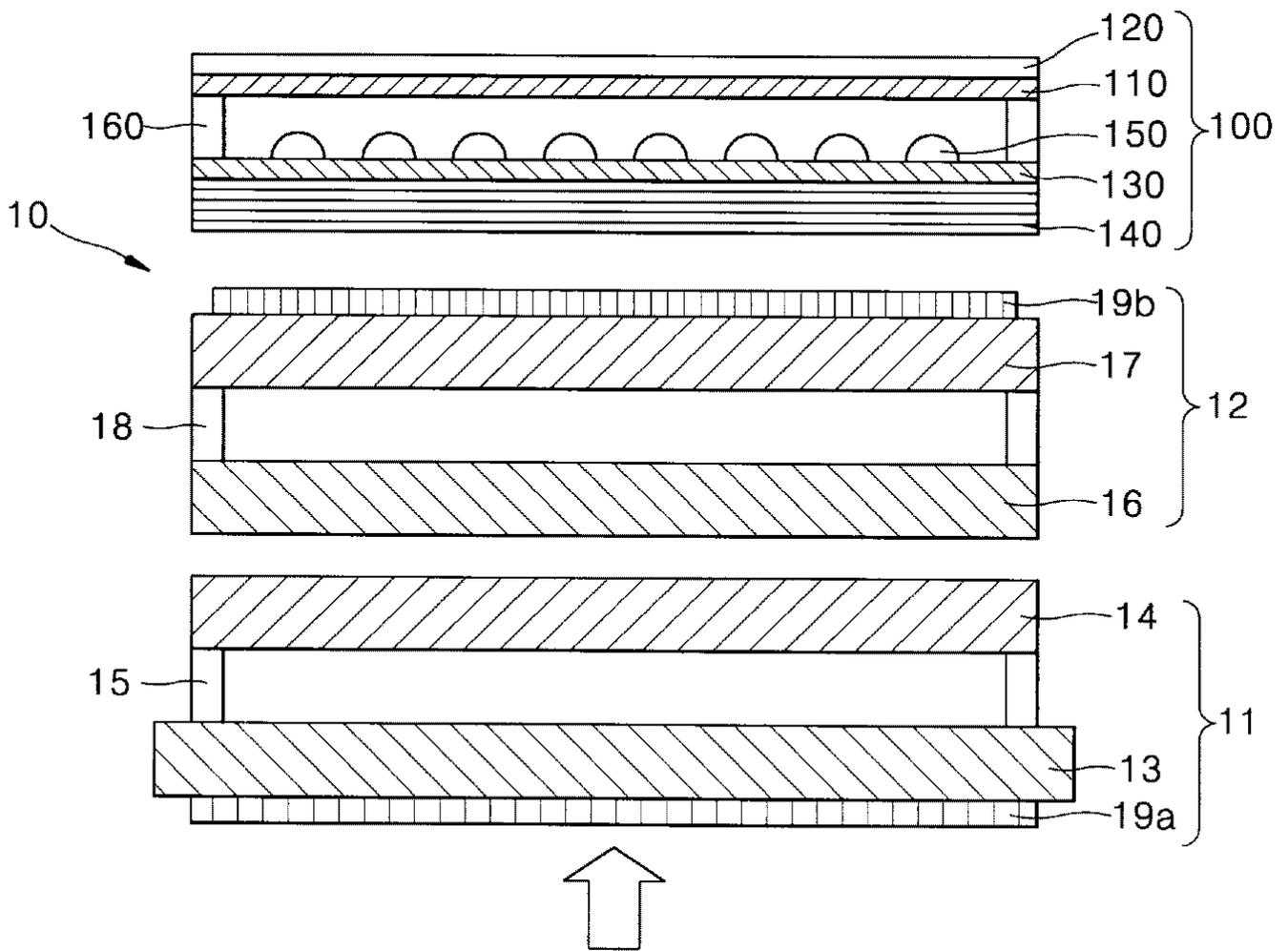
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