

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2024/0237488 A1 **KWON**

(43) **Pub. Date:**

Jul. 11, 2024

(54) **DISPLAY DEVICE**

(71) Applicant: LG Display Co., Ltd., Seoul (KR)

(72) Inventor: Ohnam KWON, Paju-si (KR)

(21) Appl. No.: 18/345,930

(22) Filed: Jun. 30, 2023

(30)Foreign Application Priority Data

Jan. 6, 2023 (KR) 10-2023-0002085

Publication Classification

(51) Int. Cl.

H10K 59/80 (2006.01)H10K 59/131 (2006.01)H10K 59/38 (2006.01) (52) U.S. Cl.

CPC H10K 59/873 (2023.02); H10K 59/131 (2023.02); H10K 59/38 (2023.02); H10K 59/80523 (2023.02); H10K 59/8722 (2023.02); H10K 2102/20 (2023.02)

(57)**ABSTRACT**

In a display device according to an embodiment of the present disclosure, a second electrode layer which has a higher melting point than that of the first electrode layer has high resistance to laser heat, such that damage thereto may be reduced even when a laser cutting process is performed. Thus, penetration of external defect-causing factors into an organic light-emitting layer may be reduced due to the second electrode layer constituting an outermost layer of the cathode electrode layer.

