

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2024/0251634 A1 Zheng et al.

Jul. 25, 2024

(43) Pub. Date:

(54) DISPLAY PANEL AND DISPLAY DEVICE

(71) Applicant: SHENZHEN CHINA STAR OPTOELECTRONICS SEMICONDUCTOR DISPLAY TECHNOLOGY CO., LTD., Shenzhen

Inventors: Jiexin Zheng, Shenzhen (CN); Wei Lu,

Shenzhen (CN)

Assignee: SHENZHEN CHINA STAR

OPTOELECTRONICS SEMICONDUCTOR DISPLAY TECHNOLOGY CO., LTD., Shenzhen

(21) Appl. No.: 17/430,890

(22)PCT Filed: Jun. 4, 2021

(86) PCT No.: PCT/CN2021/098434

§ 371 (c)(1),

(2) Date: Aug. 13, 2021

(30)Foreign Application Priority Data

Apr. 27, 2021 (CN) 202110460222.1

Publication Classification

(51) Int. Cl.

H10K 59/80 (2006.01)H10K 59/122 (2006.01)

U.S. Cl.

CPC H10K 59/80522 (2023.02); H10K 59/122

(2023.02)

(57)**ABSTRACT**

A display panel and a display device are disclosed. The display panel includes an array substrate, an electrode layer disposed on the array substrate, a light-emitting layer disposed on the electrode layer, and a cathode layer disposed on the light-emitting layer. The electrode layer includes an anode and a contact electrode disposed apart from each other on the array substrate. The contact electrode has a pattern, the contact electrode contacts the cathode layer through the light-emitting layer.

