

# (19) United States

# (12) Patent Application Publication (10) Pub. No.: US 2024/0251602 A1 XU et al.

Jul. 25, 2024 (43) **Pub. Date:** 

## (54) DISPLAY PANEL AND DISPLAY APPARATUS

## (71) Applicants: Beijing BOE Technology Development Co., Ltd., Beijing (CN); BOE Technology Group Co., Ltd., Beijing

(72) Inventors: Cheng XU, Beijing (CN); Pan LI, Beijing (CN); Hongli WANG, Beijing

(21) Appl. No.: 18/012,648

(22) PCT Filed: Nov. 15, 2022

PCT/CN2022/132037 (86) PCT No.:

§ 371 (c)(1),

Dec. 22, 2022 (2) Date:

#### (30)Foreign Application Priority Data

(CN) ...... 202211161157.3

### **Publication Classification**

(51) Int. Cl. H10K 59/122 (2006.01)G09G 3/3225 (2006.01)H10K 59/80 (2006.01)

U.S. Cl.

CPC ...... H10K 59/122 (2023.02); G09G 3/3225 (2013.01); H10K 59/873 (2023.02); G09G 2300/0819 (2013.01); G09G 2300/0842 (2013.01)

### (57)ABSTRACT

A display panel and a display apparatus, including a light emitting structure layer (12), the light emitting structure layer (12) includes a pixel define layer (122). The pixel define layer (122) includes a first dam portion (201) and a second dam portion (202). The first dam portion (201) and the second dam portion (202) are formed a plurality of pixel openings, a distance between a surface of a side of the first dam portion (201) away from the base substrate (10) and a surface of a side of the planarization layer away from the base substrate (10) is smaller than a distance between a surface of a side of the second dam portion (202) away from the base substrate (10) and a surface of a side of the planarization layer away from the base substrate (10).

