

## (19) United States

## (12) Patent Application Publication (10) Pub. No.: US 2024/0215421 A1 Eum et al.

Jun. 27, 2024 (43) Pub. Date:

## (54) FIXING DEVICE FOR DISPLAY MODULE AND DISPLAY DEVICE INCLUDING SAME

- (71) Applicant: LG Display Co., Ltd., Seoul (KR)
- (72) Inventors: Hyo-Sup Eum, Seoul (KR); HeeDong Lee, Seoul (KR)
- (21) Appl. No.: 18/476,756
- (22) Filed: Sep. 28, 2023
- (30)Foreign Application Priority Data

Dec. 21, 2022 (KR) ...... 10-2022-0180614

## **Publication Classification**

(51) Int. Cl. H10K 59/80

(2006.01)

U.S. Cl. (52)

CPC ....... H10K 59/8794 (2023.02); H10K 59/87

(2023.02)

(57)ABSTRACT

A display device includes a display module, a side frame supporting a portion of each of side portions of the display module, and at least one fixing unit fixing the display module to the side frame by pressing one surface of the display module on the side frame. The problem of peeling of an adhesive material due to high-temperature heat generated during operation of the display module is overcome by mechanically fitting components of the display module together.

