



US 20240251587A1

(19) **United States**

(12) **Patent Application Publication**
PARK et al.

(10) **Pub. No.: US 2024/0251587 A1**

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

(54) **DISPLAY DEVICE INCLUDING BONDING MEMBER**

Publication Classification

(71) Applicant: **Samsung Display Co., LTD.**, Yongin-si (KR)

(51) **Int. Cl.**

H10K 50/84 (2006.01)

H10K 50/86 (2006.01)

H10K 50/87 (2006.01)

H10K 59/12 (2006.01)

H10K 102/00 (2006.01)

(72) Inventors: **Jun Su PARK**, Seoul (KR); **Gi Suk KWON**, Cheonan-si (KR); **O Jun KWON**, Hwaseong-si (KR); **Young Gil PARK**, Asan-si (KR); **Na Ri AHN**, Seongnam-si (KR)

(52) **U.S. Cl.**

CPC **H10K 50/84** (2023.02); **H10K 50/86** (2023.02); **H10K 50/87** (2023.02); **H10K 59/12** (2023.02); **H10K 2102/311** (2023.02)

(21) Appl. No.: **18/598,107**

(22) Filed: **Mar. 7, 2024**

Related U.S. Application Data

(63) Continuation of application No. 17/141,286, filed on Jan. 5, 2021, now Pat. No. 11,956,985.

Foreign Application Priority Data

Feb. 14, 2020 (KR) 10-2020-0018502

Aug. 10, 2020 (KR) 10-2020-0099969

(57)

ABSTRACT

A display device includes a display panel, a polarization member facing the display panel, a cover window including an inorganic material and facing the display panel with the polarization member therebetween, and a window bonding member which is between the cover window and the polarization member attaches the cover window to the polarization member. The window bonding member which attaches the cover window to the polarization member has a modulus of about of 1 MPa to about 10 MPa.

