



US 20240215320A1

(19) **United States**

(12) **Patent Application Publication**  
**PARK**

(10) **Pub. No.: US 2024/0215320 A1**

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

(54) **LIGHT EMITTING DISPLAY DEVICE**

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

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

CPC ..... **H10K 59/122** (2023.02); **H10K 59/1201**  
(2023.02); **H10K 59/131** (2023.02)

(72) Inventor: **Mi Kyung PARK**, Paju-si (KR)

(21) Appl. No.: **18/356,017**

(57) **ABSTRACT**

(22) Filed: **Jul. 20, 2023**

(30) **Foreign Application Priority Data**

Dec. 21, 2022 (KR) ..... 10-2022-0180752

**Publication Classification**

(51) **Int. Cl.**

**H10K 59/122** (2006.01)

**H10K 59/12** (2006.01)

Disclosed is a light emitting display device including a substrate having an active area, a plurality of anodes spaced apart from each other in the active area, a bank configured to expose an emissive portion of each of the plurality of anodes, the bank being provided between emissive portions of the plurality of anodes, and a light emitting unit and a cathode sequentially provided on the plurality of anodes and the bank, wherein at least a part of the bank includes a first trench structure asymmetric at both sides thereof.

