



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

(43) **Pub. Date:** **Jul. 18, 2024**

H10K 71/00 (2023.01)

CPC **H10K 77/111** (2023.02); **G06F 1/1652**
(2013.01); **H10K 50/844** (2023.02); **H10K**
71/00 (2023.02)

(57) **ABSTRACT**

(22) Filed: **Dec. 18, 2023**

(63) Continuation of application No. 17/391,049, filed on Aug. 2, 2021, now Pat. No. 11,849,628.

Dec. 23, 2020 (KR) 10-2020-0182420

H10K 77/10 (2023.01)
G06F 1/16 (2006.01)

A display panel includes a substrate including a first and a second region, which are spaced apart from each other with a penetrating portion provided therebetween, and a display element arranged on the substrate and including a first display element overlapping the first region and a second display element overlapping the second region, wherein a first side surface of the substrate that corresponds to an edge of the first region, and a second side surface of the substrate that corresponds to an edge of the second region, define at least portions of the penetrating portion, and an interval between the first and second side surfaces from an upper surface of the substrate, the upper surface facing the display element, is less than an interval between the first and second side surfaces from a lower surface of the substrate that does not face the display element.

