



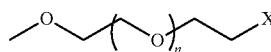
US 20240215437A1

(19) **United States**(12) **Patent Application Publication**
PARK et al.(10) **Pub. No.: US 2024/0215437 A1**(43) **Pub. Date: Jun. 27, 2024**(54) **INORGANIC METAL OXIDE AND
MANUFACTURING METHOD THEREOF,
AND LIGHT EMITTING DEVICE
INCLUDING INORGANIC METAL OXIDE****Publication Classification**(51) **Int. Cl.**
H10K 85/30 (2006.01)
C07F 3/06 (2006.01)
(52) **U.S. Cl.**
CPC **H10K 85/381** (2023.02); **C07F 3/06**
(2013.01); **H10K 50/16** (2023.02)(71) Applicant: **Samsung Display Co., LTD.**, Yongin-si
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WON-JUN PARK, Yongin-si (KR);
JONGWOO SHIN, Yongin-si (KR);
Yun Ku JUNG, Yongin-si (KR)(57) **ABSTRACT**

According to an embodiment, the inorganic metal oxide includes a crystalline core and a ligand positioned on a surface of the crystalline core, the crystalline core includes crystalline ZnO, and the ligand is a compound represented by Formula 1 below. In Chemical Formula 1, n may indicate 1 or 3, and X may indicate one selected from SH, an amine, methoxysilane, a carboxylic acid, and a carbonyl acid.

(21) Appl. No.: **18/501,365**(22) Filed: **Nov. 3, 2023**(30) **Foreign Application Priority Data**

Dec. 16, 2022 (KR) 10-2022-0176997



[Chemical Formula 1]

