(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) **EP 4 261 015 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**
published in accordance with Art. 153(4) EPC

(15) Correction information:
**Corrected version no 1 (W1 A1)**
**Corrections, see**
**Bibliography INID code(s) 72**

(48) Corrigendum issued on:
**29.11.2023 Bulletin 2023/48**

(43) Date of publication:
**18.10.2023 Bulletin 2023/42**

(21) Application number: **22912784.0**

(22) Date of filing: **28.10.2022**

(51) International Patent Classification (IPC):
***B29C 64/35*** *(2017.01)* ***B29C 64/393*** *(2017.01)*
***B29C 64/209*** *(2017.01)* ***B29C 64/232*** *(2017.01)*
***B33Y 30/00*** *(2015.01)* ***B33Y 40/00*** *(2020.01)*

(52) Cooperative Patent Classification (CPC):
**B29C 64/00; B33Y 30/00; B33Y 40/00; H10K 71/00**

(86) International application number:
**PCT/CN2022/128177**

(87) International publication number:
**WO 2023/165147 (07.09.2023 Gazette 2023/36)**

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR**
Designated Extension States:
**BA**
Designated Validation States:
**KH MA MD TN**

(30) Priority: **03.03.2022 CN 202210203951**
**24.03.2022 CN 202210292190**

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(54) **PRINTING APPARATUS AND METHOD FOR LED DAM OF DISPLAY PANEL**

(57) Provided are a printing device and method for an LED retaining wall of a display panel. The device includes a motion control system, an adsorption apparatus, a measuring system, a Z-axis controller, a target multi-needle module and a target station. The motion control system is configured to control printing of a target LED retaining wall on an upper surface of a target substrate on the target station. The adsorption apparatus is configured to make a lower surface of the target substrate adsorbed onto a sucker by a vacuum pump. The measuring system includes a sensor and a sensor controller, and the sensor is configured to measure flatness data of the target substrate. The Z-axis controller is configured to control a printing receiving distance between the target multi-needle module and the upper surface of the target substrate. The target multi-needle module includes printer heads and fluid control systems, and the fluid control systems are configured to supply preset air pressure parameters to the printer heads. The target station is configured to accommodate the target substrate so as to make the target multi-needle module perform laminated printing of the target LED retaining wall on the upper surface of the target substrate. By the adoption of the printing device and method for the LED retaining wall of the display panel provided by the present disclosure, the manufacturing efficiency and precision of the LED retaining

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wall are improved.

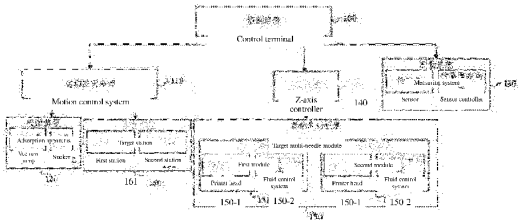


FIG. 1