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(54) **APPARATUS FOR MANUFACTURING
ORGANIC LIGHT EMITTING DIODE FOR
LIGHTING**

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ABSTRACT

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Provided is an apparatus for manufacturing an organic light-emitting device for illumination, including: a supply and deposition unit that supplies a strip-shaped base having base through-holes formed at a predetermined interval at opposite end parts in a widthwise direction, and recovers laminated shadow masks while discharging vaporized materials from deposition sources provided at a plurality of positions to perform sequential deposition; track moving units that are respectively disposed within deposition ranges of the supply and deposition unit, are disposed below the base to be engaged with the base and to move therewith, are provided in the form of a caterpillar that converts a rotational motion into a linear motion at each of the plurality of deposition positions, and have track protrusions formed on an outer periphery thereof to be inserted into the base through-holes; a track driving unit that is disposed at both ends of the track moving units in a lengthwise direction, and provides a rotational force to be converted for movement of the track moving units; a tension adjusting unit that is disposed on upper and lower sides of each track moving unit under movement to adjust the tension of the track moving unit; and a control unit that is provided to measure the movement speed and the tension of the track moving unit to control the driving speed of the track driving unit and the tension of the tension adjusting unit.

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