

ABSTRACT OF THE DISCLOSURE

A pressure-controlled solid precursor heating device includes a steel cylinder, a plurality of trays, a buffering container, a pressure gage, and an induction heater. The steel cylinder has a bottom plate and a peripheral wall, the two of which define an interior space.

- 5 The trays are vertically stacked in the interior space in a separable manner and each have an accommodating space, a supporting plate, an annular side, and a circular ring, with the accommodating space defined between the supporting plate, the annular side, and the circular ring. The buffering container has a buffering space fluidly connected to the interior space. The pressure gage is provided at the buffering container and senses the
- 10 vapor pressure in the buffering space. The induction heater is in signal connection with the pressure gage and heats the steel cylinder, by induction heating, according to the vapor pressure sensed by the pressure gage.

[Fig. 1]