

ABSTRACT OF THE DISCLOSURE

SUBSTRATE FEEDING DEVICE AND METHOD

A substrate feeding device includes an ejecting feeder for feeding a first glass substrate at an ejecting speed V_1 . At least one stocking feeder feeds a second glass substrate succeeding to the first glass substrate toward the ejecting feeder. A set of three sensors checks a substrate distance defined between the first and second glass substrates by comparison with a predetermined distance L_1 . A control unit adjusts the substrate distance by selectively driving the ejecting feeder and stocking feeder, to set the substrate distance at the distance L_1 according to a distance determining signal from the set of the three sensors. After the substrate distance has reached the distance L_1 , the control unit shortens the substrate distance by controlling the ejecting feeder and stocking feeder in feeding sequences different from one another, to set the substrate distance at a distance L_2 shorter than the distance L_1 . Then the control unit drives the ejecting feeder and stocking feeder at the ejecting speed V_1 , to keep the substrate distance at the distance L_2 .

This Sheet Has Been Replaced

