

ABSTRACT OF THE DISCLOSURE

A component feeder minimizes damage to chip components and efficiently discharges chip components aligned in a line. A bulk case is attached on the top portion of an external storage housing capable of being supplied with a large number of chip components. A predetermined number of the chip components is supplied at a time from the external storage housing to an inner housing of a component storage housing via a supplying path. The chip components in the inner housing enter into the outer housing from the reception inlet via a guide path by being scooped up by pockets in accordance with rotation of a rotary drum. The chip components are dropped into an aligning groove to be aligned and are discharged aligned in a line via a gate and a discharge path. The chip components slide down on the aligning groove to be discharged to a discharge path, via the gate, aligned in a line. Since excess components in the outer housing are returned to the inner housing via the return path by raking them up by a raking-up portion formed in the rotary drum, the number of chip components in the outer housing is small, resulting in maintaining increased alignment efficiency.

This Sheet Has Been Replaced

