

ABSTRACT OF THE DISCLOSURE

A part-aligning apparatus is simple in structure, causes less damage to chip parts, and operates well even if its chip discharge passage is clogged or overflows. The apparatus has a part-holding chamber for accommodating a number of chip parts. An arc-shaped chute groove is formed in the inner surface of the bottom of the part-holding chamber to orient the chip parts in a given direction and to guide the sliding chips. A gate port is formed at the lower end of the chute groove to pass the sliding chip parts in series out of the apparatus. The discharge passage is formed tangent to the chute groove to align the passed chip parts in a row and to deliver the chip parts in sequence. A swingable plate having a blade is mounted inside the part-holding chamber. This blade urges any chip part which is stopped in the gate port due to an abnormal orientation toward a direction different from the direction in which the chip parts are discharged, thus removing clogging.

This Sheet Has Been Replaced

