

【ABSTRACT】

The present invention relates to a food waste packaging apparatus for an automatic waste collection system, and more particularly, to a food waste packaging apparatus for an automatic waste collection system which automatically performs, when food waste is injected into a food waste inlet port, the processes of putting the food waste into a packaging bag, sealing the packaging bag, and discharging the packaging bag. The food waste packaging apparatus for an automatic waste collection system according to the present invention comprises: a loading unit arranged below the food waste inlet port such that a plurality of packaging bags are laid in the horizontal direction and loaded into a layer on the loading unit; supply means for sucking the top packaging bag from among the packaging bags loaded on the loading unit, placing, by means of rotation, the sucked top packaging bag in the vertical direction below a hopper of the waste inlet port, and opening the upper portion of the packaging bag to ready the packaging bag for receiving food waste therein; sealing means arranged at the upper portion of the waiting packaging bag to heat seal the upper portion of the packaging bag when food waste is received in the packaging bag; and discharging means for supporting the bottom of the packaging bag and discharging, by means of rotation, the packaging bag to a storage chute arranged below the discharging means after the completion of the sealing of the packaging bag.