

EXTRUDER DIE AND CUTTER FOR FILLED FOOD

ABSTRACT OF THE DISCLOSURE

A die and cutter assembly for an extruder includes an elongated extrusion member having a first, open end and a second, closed end. The first, open end is attachable in fluid communication with a first manifold of the extruder, and the second, closed end is formed by a removable extrusion end cap. An extension is formed on the elongated extrusion member. A filling passageway is formed in a wall of the elongated extrusion member, which is attachable to a second manifold of the extruder. A first filling passageway extension is in communication with and removably mounted to the filling passageway. The first filling passageway extension generally transverse to the filling passageway and extends into the extension of the elongated extrusion member. An extrusion die is formed on the extension of the elongated extrusion member. A cutter member has an opened drivable end, an elongated cutter wall, and an opened cutter end with a cutting surface for cutting extrudate to a desired length as the extrudate exits the die. The cutter member is disposed at least partially over and reciprocally slideable on the extrusion wall and operably connectable at the drivable end to a drive device of the extruder for reciprocatably sliding the cutting surface of the cutter member over and away from the extrusion die.

Fig.4