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(54) Title: ISOLATED INSERTION CHUTE FOR SUCTION-OPERATED GARBAGE DISPOSAL SYSTEMS**(57) Abstract**

The invention relates to an isolated insertion chute (303) of the kind which at spaced intervals are connected to an underground suction conveying conduit communicating with a refuse suction system, the upper end of each chute above ground comprising a closable insertion opening and the lower end of each chute below ground being connected to the suction conveying conduit communicating therewith through a valve means (316) provided in the insertion chute, said insertion chute (303) comprising an upper chute portion (303a) and a lower chute portion (303b) connected to a branching (309) extending from the suction conveying conduit through a flange joint (308) formed by the connecting flanges (308a, 308g), the upper chute portion (303a) comprising a box-like superstructure (311) which is welded to the upper chute portion and in which a valve operating means (312) is journaled, said valve operating means (312) being connected to a transmission link (313) to which is likewise connected one end of an operating rod (314) which at its other end is connected to the valve means (316) mounted at the lower end of the lower chute portion (303b), wherein the connecting flange (308a) or either of the connecting flanges is provided with an upwardly projecting extension (330) in which an axle journal of the transmission link (313) is pivotally journaled, one lever (313b) of the transmission link (313) being fixed to said axle journal inside the extension (330) and another transmission link lever (313a) being fixed to the axle journal outside said extension (330).

