

Abstract

The invention relates to methods of disposing household waste, in particular, to methods of disposing waste with low content of water by plasma-chemical destruction. The invention is directed to attaining a technical effect of broadening range of technical solutions by providing a method of destruction of organic waste with low content of water. The technical effect is attained by a destruction method, where organic waste with low content of water is loaded into a reactor via an input opening, and waste of biological origin is loaded additionally. The reactor is provided in form of a closed cavity, which inner surface is made conductive entirely or partially and grounded. An electrode protrudes into the reactor, which is isolated from the grounded surface. High-voltage pulses are supplied to the electrode. The pulses cause formation of corona discharge streamers in a gap between the electrode and the conductive surface of the reactor.

Fig. 1