ABSTRACT

A treatment device for kitchen waste with a pyrolysis carbonization method and a treatment method thereof are provided, which relate to the field of kitchen waste treatment technologies. The device includes: a base; a pyrolysis furnace body, fixedly installed on a front of the base, and configured to perform pyrolysis carbonization treatment on the kitchen waste; a feeding mechanism, fixedly installed on a side of a back of the base, and configured to lift and crush the kitchen waste to obtain crushed kitchen waste; and a front spiral feeding mechanism configured to transport the crushed kitchen waste. Through the device, combustible gas produced by pyrolysis is introduced into the burning nozzles through the pyrolysis gas conduit to burn together with the liquefied gas, to thereby provide heat for pyrolysis, which is beneficial to reduce the consumption of the liquefied gas, and the pyrolysis gas can be utilized fully and effectively.

Fig. 1