

## 餐厨垃圾处理机设计

**摘 要**: 随着国内外环境问题越来越严重,垃圾处理的低效率,重污染已经 开始影响我们的生活。根据国内外如今对于垃圾处理的方法,经过研究设计了 一款用于餐厨垃圾处理的机器,这个机器主要构成有机箱,电动机,回收桶, 自动控制器,漏斗,滚刀轴,刀具和滤网等一系列装置。其工作形式由电动机 驱动,带动联轴器与滚刀轴相连,垃圾通过刀具碾磨变成细小颗粒排入垃圾收 集器中,待盛满后一并处理。该机器结构简单,噪声较小,处理效率较高,完 全满足家庭使用,极大提高了处理垃圾的效率,并且保护了环境。

关键词: 餐厨垃圾; 粉碎机; 处理机设计;

## Design of food waste disposal machine

Abstract: With the increasingly serious environmental problems at home and

abroad, the inefficiency of garbage disposal, heavy pollution has begun to affect our lives .According to the current domestic and foreign methods of waste disposal, a machine designed for kitchen waste disposal has been designed through research. A series of devices such as the Internet. The working form is driven by the motor, driving the coupling to connect with the hob shaft, and the garbage is turned into fine particles by the grinding of the cutter and discharged into the garbage collector, which is processed together after being full. The machine has a simple structure, low noise, and high processing efficiency, which fully meets domestic use, greatly improves the efficiency of processing garbage, and protects the environment.

Keywords: Kitchen waste; shredder; Processor design;

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