

METHODS AND PRODUCTS FOR BIODEGRADATION OF WASTE

Abstract

- The present invention provides a method of producing a product for waste degradation, a product for waste degradation, an isolated microbial strain, a substantially pure culture of the isolated microbial strain, a microbial consortium or a mixed microbial composition, and a waste degradation method. The method of producing a product for waste degradation includes: isolating a plurality of microbial strains from one or more sources of food waste as separate colonies on a solid medium; selecting a plurality of the isolated microbial strains based on size and/or abundance of colonies of each of the microbial strains, the selected microbial strains being selected based on having a larger colony size and/or a higher colony abundance compared to other microbial strains; and combining the selected microbial strains to produce a microbial consortium for waste degradation.
- 15 No figure to be published.