METHOD FOR RECYCLING ORGANIC WASTE MATERIAL

Abstract

The invention relates to a method for recycling organic waste material containing phosphorus oxides and metal oxides, in particular for recycling sewage sludge. According to the invention, the waste materials are mixed with chlorine carriers and then heat treated at an air ratio of $0.85 \leq \lambda \leq 1.6$ and at least partially oxidized. The metal chlorides formed are drawn off and recovered and the fraction remaining after the metal chlorides have been drawn off is subjected to reduction in order to obtain elemental phosphorus.

[Fig. 2]