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(12) **United States Patent**  
**Der Stepanian et al.**

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(54) **PHYSICO-CHEMICAL METHOD FOR PREPARING AND TRANSFORMING PLANT WASTE AND RESULTING FUEL**

(58) **Field of Classification Search** ..... 44/559, 44/563, 589, 590, 605, 606, 554  
See application file for complete search history.

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 671 days.

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(57) **ABSTRACT**

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The invention concerns a method for preparing organic waste, such as coffee grounds (12), so as to eliminate it by combustion. Said method consists in mixing the waste (12) with a silicic acid additive (14), the proportion of additive ranging between 3 and 5% to constitute a fuel.

(51) **Int. Cl.**  
**C10L 5/12** (2006.01)  
**C10L 5/40** (2006.01)

(52) **U.S. Cl.** ..... **44/559; 44/563; 44/589; 44/590; 44/605; 44/606**

**14 Claims, 1 Drawing Sheet**

