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(54) **ENERGY DENSIFICATION OF BIOMASS-DERIVED ORGANIC ACIDS**

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C07C 1/00 (2006.01)

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(58) **Field of Classification Search** 585/240, 585/242; 549/326; 562/515; 44/605
See application file for complete search history.

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(57) **ABSTRACT**

A process for upgrading an organic acid includes neutralizing the organic acid to form a salt and thermally decomposing the resulting salt to form an energy densified product. In certain embodiments, the organic acid is levulinic acid. The process may further include upgrading the energy densified product by conversion to alcohol and subsequent dehydration.

12 Claims, 1 Drawing Sheet

