



Method To Liquefy Biomass

[View U.S. Patent No. 11,186,882 in PDF format.](#)

WARF: P180250US02

Inventors: John Ralph, Steven Karlen

The Invention

A method of liquefying biomass. The method includes the steps of contacting biomass with a solution comprising an acyl halide and an acid; and then contacting the biomass with a reductant.

Additional Information

For More Information About the Inventors

- [John Ralph](#)

Tech Fields

- [Clean Technology : Biobased & renewable chemicals & fuels](#)

For current licensing status, please contact Jennifer Gottwald at jennifer@warf.org or 608-960-9854