



METHODS OF SEPARATING LIGNIN DECONSTRUCTION FEEDSTOCKS USING CENTRIFUGAL PARTITION CHROMATOGRAPHY

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The Invention

UW-Madison researchers have developed an improved method for separating purified lignin monomers from deconstructed biomass. The process couples the oxidative depolymerization of lignin, which produces a complex mixture of oxidized aromatic monomers and oligomers, with moving bed liquid-liquid extraction centrifugal partition chromatography (CPC). Their continuous process can isolate and purify monomers, including aromatics, which can be sold or further valorized.

Additional Information

For More Information About the Inventors

- [Shannon Stahl](#)

Tech Fields

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

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