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(54) Title: PROCESSING BIOMASS

(57) Abstract: Biomass (e.g., plant biomass, animal biomass, and municipal waste biomass) is processed to produce useful intermediates and products, such as energy, fuels, foods or materials. Two or more sugars can be produced and these can be further processed and purified. For example, a mixture of the two or more sugars can be selectively fermented to leave one or more sugars in the mixture along with a product. The unfermented sugar may be fermented with a different fermenting system and produce a second product.

