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(54) Title: HIGH PURITY HYDROXYCARBOXYLIC ACID COMPOSITIONS AND METHODS OF MAKING SAME

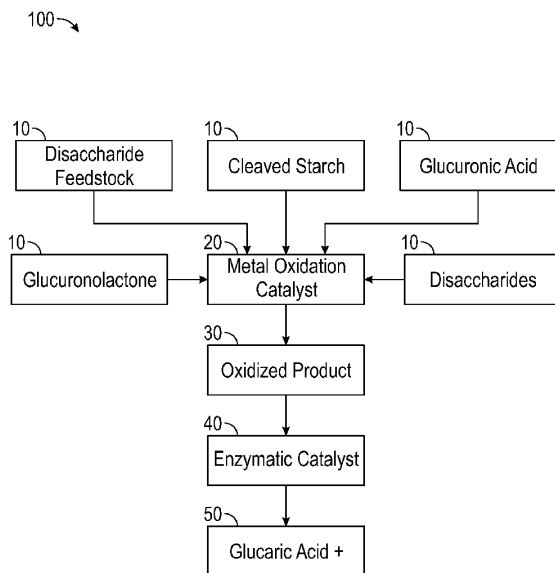


FIG. 1

(57) Abstract: A system for glucaric acid production, the system comprising: (a) a first input selected from the group consisting of glucuronolactone, a disaccharide feedstock, a cleaved starch, a disaccharide, glucuronic acid, or a combination thereof; (b) a first catalyst system comprising a metal oxidation catalyst; (c) a first product; (d) a second input; (e) a second catalyst system comprising an enzyme; and (f) a second product comprising from about 50% to about 99% glucaric acid on a dry basis.

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