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(54) Title: BIOMANUFACTURING SYSTEMS AND METHODS FOR PRODUCING ORGANIC PRODUCTS FROM RECOMBINANT MICROORGANISMS

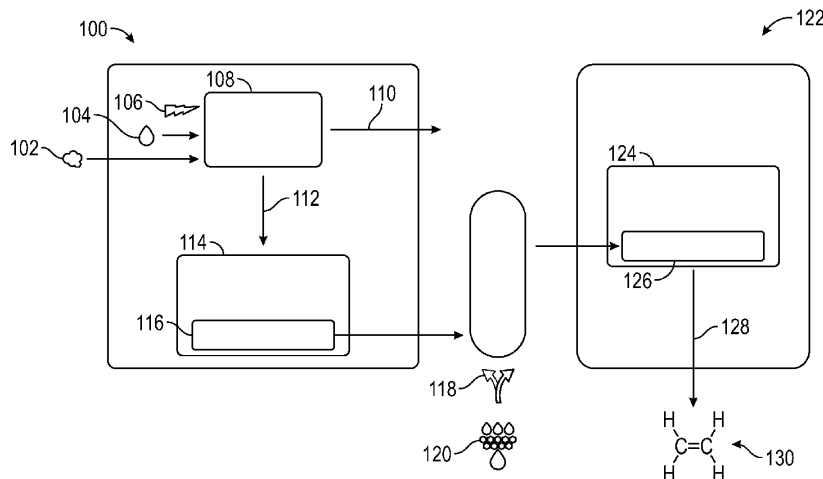


Figure 1

(57) Abstract: The present disclosure relates to biomanufacturing systems for producing an organic product. The present disclosure relates to recombinant microorganisms having an improved organic substrate producing ability, and to recombinant microorganisms having an improved organic product producing ability. A benefit of the systems and recombinant microorganisms disclosed herein can include an ability to separately produce an organic product and an organic substrate that generates a culture impurity during its production. The present disclosure relates to methods of producing an organic product using biomanufacturing systems and recombinant microorganisms disclosed herein.

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