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(54) Title: PROCESS FOR THE PRODUCTION OF AROMATICS FROM BIOMASS

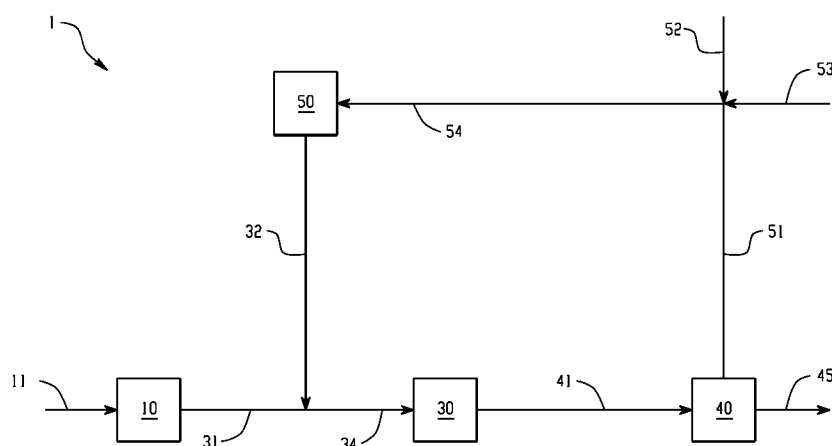


Fig. 1

(57) Abstract: A method of producing an aromatic chemical, comprises: providing a feedstock comprising biomass to a first reactor to produce a first product stream, wherein the first product stream comprises methane and carbon dioxide; combining the first product stream with a recycle stream to form a second reactor feed stream; passing the second reactor feed stream through a second reactor to produce a second product stream comprising aromatics and hydrogen gas; recovering aromatics from the second product stream to create a recovery stream depleted of aromatics; combining the recovery stream with a stream comprising carbon dioxide to form a combined recovery stream; passing the combined recovery stream to a third reactor to produce the recycle stream comprising gas; and forming an aromatic chemical from the second product stream.

