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(54) Title: PROCESS FOR PRODUCING A LIQUID HYDROCARBON FROM RENEWABLE SOURCES

(57) Abstract: A process for producing a liquid hydrocarbon from renewable sources includes combining first and second liquids, where the first liquid is produced by hydrotreating a first renewable source and the second liquid is produced by hydropyrolyzing a second renewable source. The first liquid has a n-paraffin content greater than or equal to 50 wt.%, while the second liquid has an aromatic content greater than or equal to 5 wt.%. The combined liquid has a first n-paraffin content and a first aromatic content before being subjected to a hydrogenation catalyst and conditions sufficient to cause a hydrodearomatization reaction, and a hydroisomerization catalyst and conditions sufficient to cause a hydroisomerization reaction. The resulting liquid hydrocarbon has a second n-paraffin content that is less than the first n-paraffin content and a second aromatic content that is less than the first aromatic content.



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