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(54) Title: HYDRODEOXYGENATION OF PHENOLIC LIPIDS AND RENEWABLE HYDROCARBON FUELS PRODUCED THEREFROM

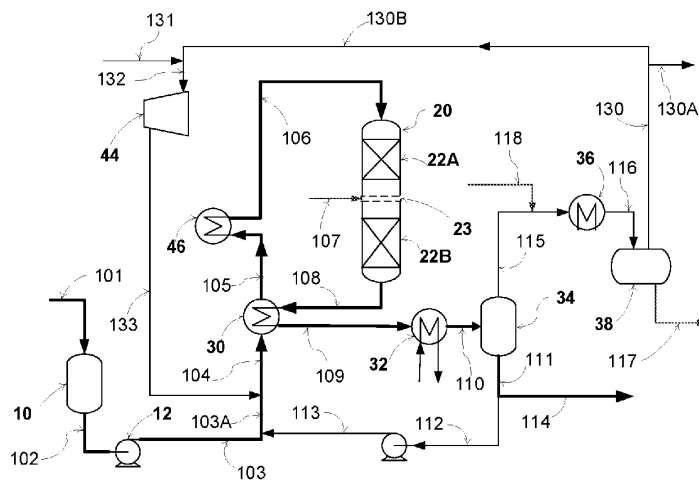


FIG. 2

(57) Abstract: The invention relates to renewable hydrocarbons, and more particularly to biomass-based diesel fuel produced in a process including hydrodeoxygenation (HDO) of phenolic lipids. The process may generally include combining a phenolic lipid and a hydrocarbon diluent to provide a hydrocarbon-diluted phenolic lipid then subjecting the hydrocarbon-diluted phenolic lipid to hydrodeoxygenation in a reactor to provide a reactor effluent including a hydrodeoxygenated phenolic lipid. The hydrodeoxygenated phenolic lipid is separated from the reactor effluent.

[Continued on next page]

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