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(54) Title: REDUCTION OF ORGANIC HALIDE CONTAMINATION IN HYDROCARBON PRODUCTS

(57) Abstract: A method for reducing halide concentration in a hydrocarbon product made by a hydrocarbon conversion process using an ionic liquid catalyst comprising a halogen-containing an acidic ionic liquid comprising: (i) separating at least a portion of the hydrocarbon product from the ionic liquid catalyst used in the hydrocarbon conversion process from the hydrocarbon product; (ii) contacting at least a portion of the separated hydrocarbon product with an ionic liquid catalyst having the same formula as the ionic liquid catalyst used in the hydrocarbon conversion process; (iii) separating at least a portion of the hydrocarbon product from the ionic liquid catalyst of step (ii); and (iv) recovering at least a portion of the separated hydrocarbon product of step (iii) having a halide concentration less than the halide concentration of the hydrocarbon product of step (i) is disclosed.



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