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(54) Title: PROCESS FOR REMOVING METALS FROM HYDROCARBONS

(57) Abstract: The present invention relates to a process for the removal of mercury from a mercury-containing hydrocarbon fluid feed using specifically selected ionic liquids comprising, contacting the mercury-containing hydrocarbon fluid feed with an ionic liquid having the formula $[Cat^+][M^-][X^-]$ and separating from the ionic liquid a hydrocarbon fluid product having a reduced mercury content compared to the mercury-containing fluid feed.



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