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(54) **Title:** METHOD OF ENHANCING AN AROMATIZATION CATALYST

(57) **Abstract:** A hydrocarbon aromatization process comprising adding a nitrogenate, an oxygenate, or both to a hydrocarbon stream to produce an enhanced hydrocarbon stream, and contacting the enhanced hydrocarbon stream with an aromatization catalyst, thereby producing an aromatization reactor effluent comprising aromatic hydrocarbons, wherein the catalyst comprises a non-acidic zeolite support, a group VIII metal, and one or more halides. Also disclosed is a hydrocarbon aromatization process comprising monitoring the presence of an oxygenate, a nitrogenate, or both in an aromatization reactor, monitoring at least one process parameter that indicates the activity of the aromatization catalyst, modifying the amount of the oxygenate, the nitrogenate, or both in the aromatization reactor, thereby affecting the parameter.

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