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(71) Applicant: ExxonMobil CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

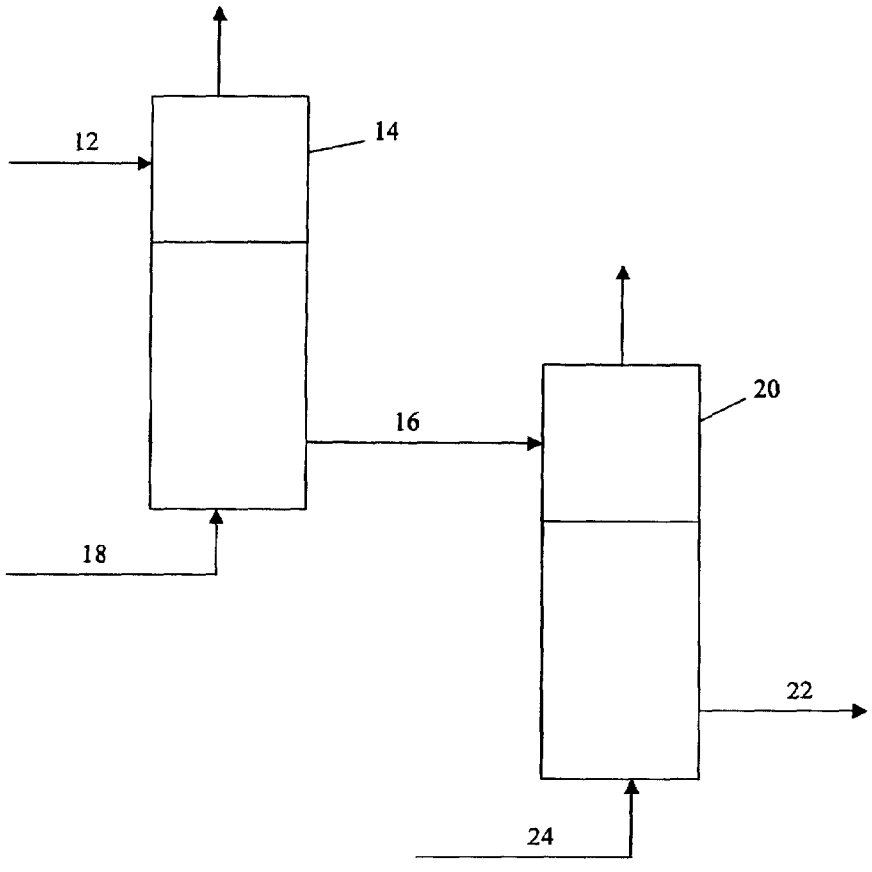
(72) Inventors: MARTENS, Luc, R.M.; Prinsenbeemdlaan 3, B-1860 Meise (BE). VAUGHN, Stephen, N.; 1111 Southern Hills, Kingwood, TX 77339 (US). SCHWEIZER, Albert, E.; 2069 W. Magna Carta, Baton Rouge, LA 70815 (US). PIERCE, John, K.; 2350 Westcreek Lane, Houston, TX 77027 (US). FUNG, Shun, C.; 855 Papen Road, Bridgewater, NJ 08807 (US).

(74) Agents: MARESCHAL, Ann, M.; Exxonmobil Chemical Europe, Inc. , Hermeslaan 2, B-1830 Machelen et al. (BE).

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(54) Title: HYDROCARBON CONVERSION PROCESSES USING NON-ZEOLITIC MOLECULAR SIEVE CATALYSTS



(57) Abstract: Methods of removing halogen from non-zeolitic molecular sieve catalysts, the catalyst produced from such methods, and the use of such catalysts in hydrocarbon conversion processes. Several processes are disclosed allowing to remove most, if not all, of the halogen contained in the catalysts. The processes comprise steam-treating the catalyst at a temperature of from 400°C to 1000°C. The hydrocarbon conversion processes include the conversion of oxygenates to olefins, the conversion of oxygenates and ammonia to alkylamines, the conversion of oxygenates and aromatic compounds to alkylated aromatic compounds, cracking and dewaxing.

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