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(71) Applicant (for all designated States except US): **EXXON-MOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KUECHLER, Keith, H.** [US/US]; 912 Applewood Drive, Friendswood,

TX 77546 (US). **LUMGAIR, David, R., Jr.** [US/US]; 33040 Boston Road, Craddockville, VA 23341 (US). **COUTE, Nicolas, P.** [FR/US]; 16514 Scenic Peaks Court, Houston, TX 77059 (US). **CHISHOLM, Paul, N.** [US/US]; 2828 Greenbriar Street, Apt. 1303, Houston, TX 77098 (US). **VAN EGMOND, Cor, F.** [US/US]; 6407 Cog Hill Drive, Pasadena, TX 77505 (US).

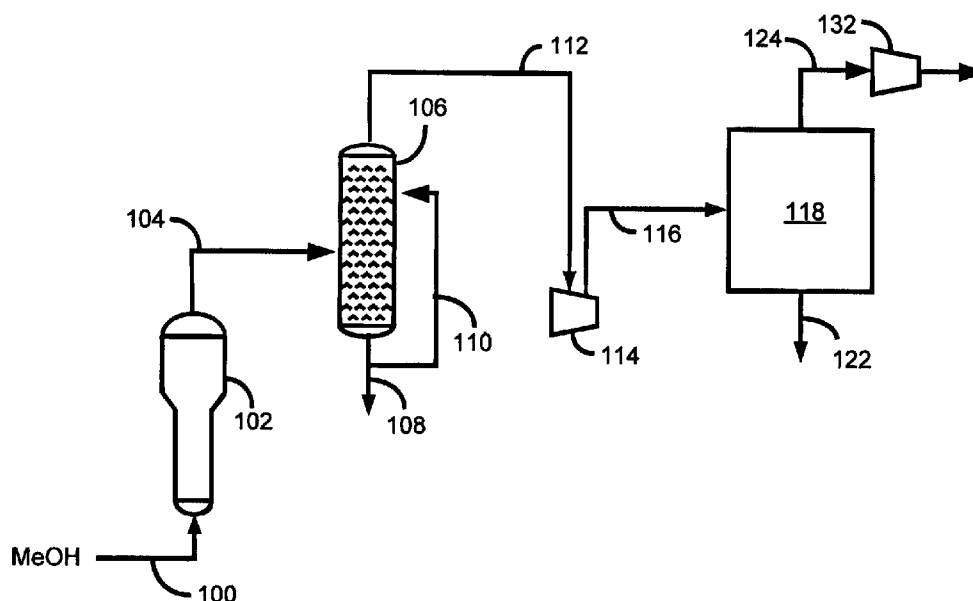
(74) Agent: **LAVOIE, Paul, T.**; ExxonMobil Chemical Company, Law Technology, P.O. Box 2149, Baytown, TX 77522-2149 (US).

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(54) Title: PROCESS FOR REMOVING DEPOSITS FROM A COMPRESSOR SYSTEM IN METHANOL TO OLEFIN CONVERSION REACTOR



(57) Abstract: The invention is to a process for removing contaminants from a compressor and/or compressor intercooler in a methanol to olefin separation system. The process comprises compressing an effluent in a compressor having an inlet and an outlet and a compressor surface, the compressing occurring under conditions effective to form a contaminant on the compressor surface. A contaminant-removal medium is injected into the compressor or intercooler and the contaminant-removal medium contacts the contaminant under conditions effective to remove the contaminant from the compressor or intercooler inner surface thereby forming a mobile contaminant. The mobile contaminant is then removed from the compressor or intercooler.



European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations* AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations* AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC,

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