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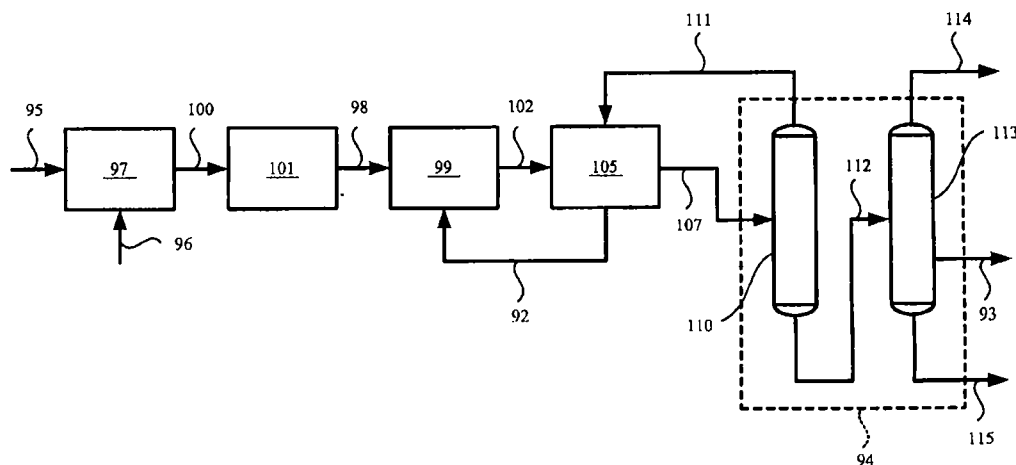
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[Continued on next page]

(54) Title: CONTROLLING THE RATIO OF ETHYLENE TO PROPYLENE PRODUCED IN AN OXYGENATE TO OLEFIN CONVERSION PROCESS



(57) Abstract: The present invention provides various processes for producing methanol and ethanol, preferably in a mixed alcohol stream. In one embodiment, the invention includes directing syngas to a synthesis zone wherein the syngas contacts a methanol synthesis catalyst and an ethanol synthesis catalyst under conditions effective to form methanol and ethanol. The methanol and ethanol, in a desired ratio, are directed to an oxygenate to olefin reaction system for conversion thereof to ethylene and propylene in a desired ratio. The invention also relates to processes for varying the weight ratio of ethylene to propylene formed in an oxygenate to olefin reaction system.

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ACTION

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Declarations under Rule 4.17:

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- *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, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID,

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