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(54) Title: OXYGENATE REMOVAL FOR PARA-XYLENE PURIFICATION VIA ADSORPTION SEPARATION

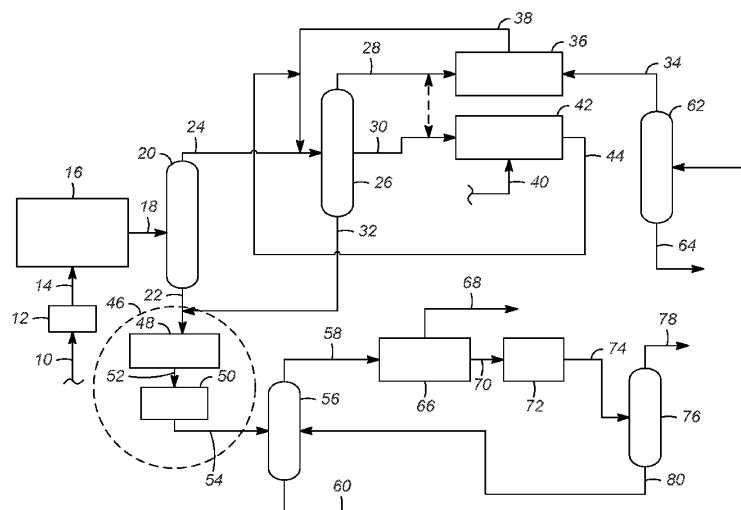


FIG. 1

(57) Abstract: Apparatuses and processes for producing a para-xylene stream in an aromatics complex which include a toluene methylation unit and an adsorptive separation unit. A hydrogenation zone and an oxygenate removal zone are utilized to remove oxygenates from the effluent of the toluene methylation unit. The hydrogenation zone may be a liquid phase hydrogenation zone.

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