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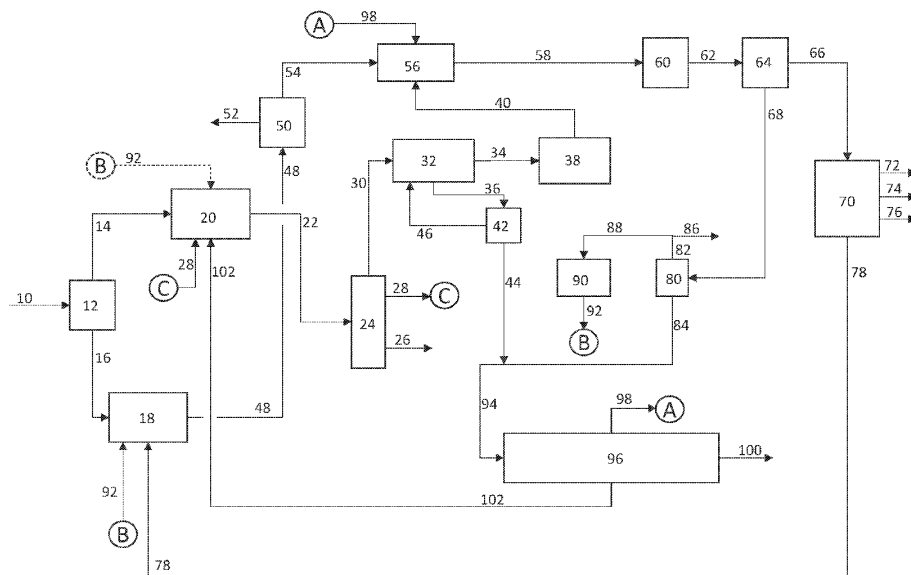
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(54) **Title:** PROCESS FOR EFFICIENT RECOVERY OF PRODUCTS FROM FCC & STEAM CRACKER COMBINED EFFLUENT



(57) **Abstract:** Embodiments herein relate to solutions to maximize the recovery of ethylene, propylene and aromatics rich naphtha from crude oil processing. The schemes involve treating the effluent from Fluid Catalytic Cracking (FCC) to remove metals like AsH₃, PH₃, Hg, as well as impurities such as NO_x and oxygen, before mixing it with the steam cracker effluent. The combined effluent is then cooled in a cold box and sent to various fractionators for separating the ethylene, propylene, and aromatics rich naphtha.

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