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(54) Title: ALCOHOL RECOVERY PROCESSES USING MEMBRANES

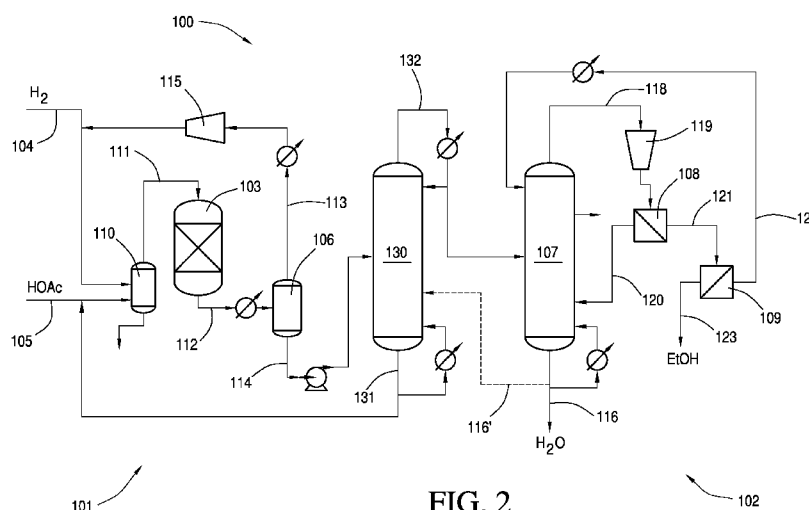


FIG. 2

(57) Abstract: Recovery of ethanol from a crude ethanol product obtained from the hydrogenation of acetic acid using various combinations of membranes and/or distillation columns.



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