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(54) Title: REMOVAL OF ACETALS FROM PROCESS STREAMS

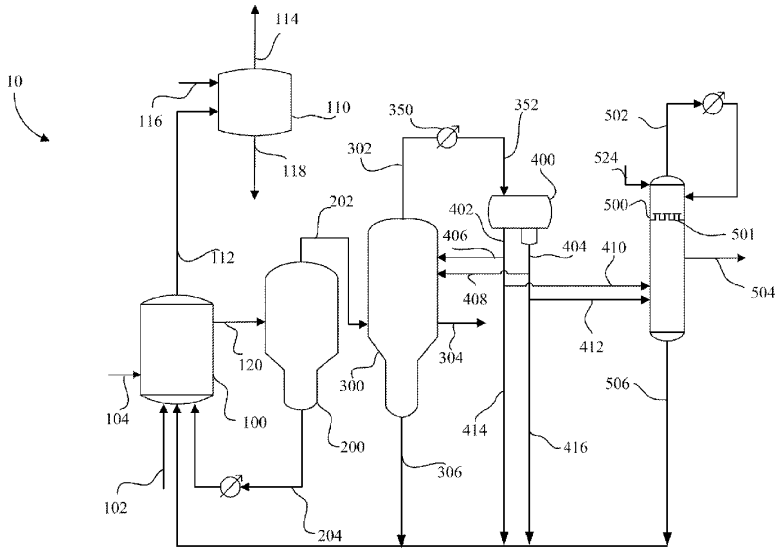

FIG. 1

(57) Abstract: A process for producing acetic acid is provided that is capable of lowering acetaldehyde mass composition in acetic acid. The process for producing acetic acid according to the present invention comprises at least one distillation step that satisfies the following operating conditions (i) temperature in a lower portion of the distillation column is not less than 40 °C; (ii) water mass composition in the lower stream is not less than 0.3 wt.%; or (iii) acetic acid mass composition in the lower stream on weight percentage basis is greater than the acetic acid mass composition in the first mixture; wherein the methanol mass composition in the first mixture is less than or equal to 2 wt.%.

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