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(54) Title: PRODUCTION AND PURIFICATION OF ACETIC ACID

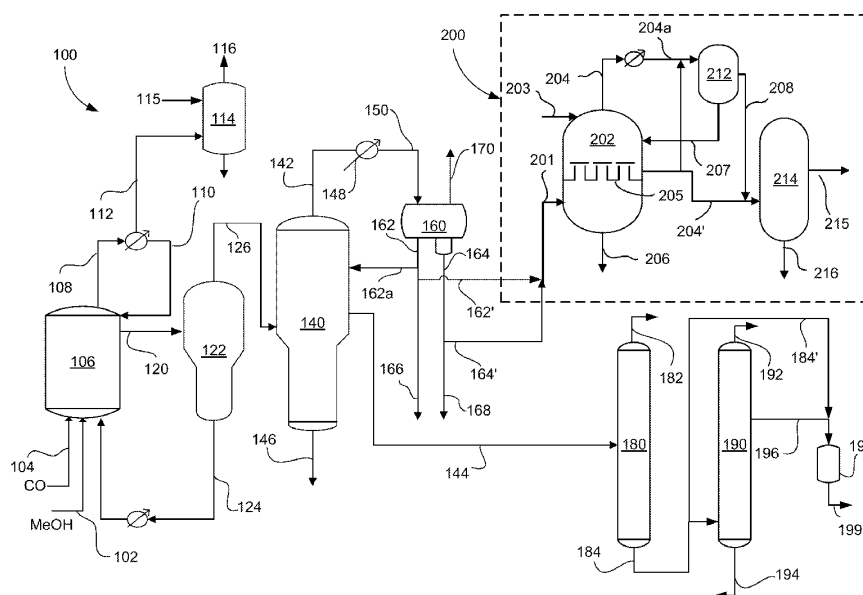


FIG. 1

(57) Abstract: Provided herein is a process for the production and purification of acetic acid. In particular, this disclosure relates to improved processes for producing and purifying acetic acid by the carbonylation of methanol in the presence of a Group VIII metal carbonylation catalyst. The acetic acid production and purification process described herein controls the formation and mass composition of acetal impurities, such as 1,1-dimethoxyethane.

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