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(54) Title: VAPOR PHASE METHANOL CARBONYLATION CATALYST

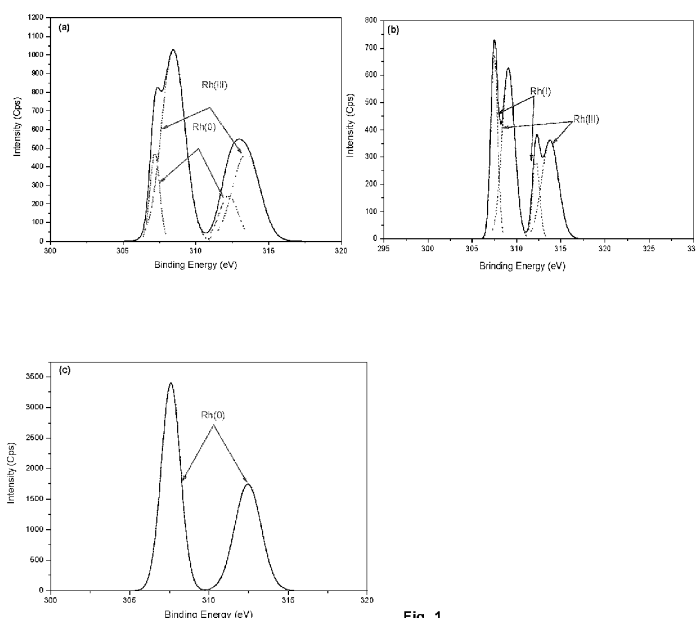


Fig. 1

(57) Abstract: The present disclosure provides a catalyst for use in a process for methyl acetate and acetic acid production from renewable methanol and synthesis gas. The catalyst comprises at least a metal as an active site for the vapor phase carbonylation reaction, including those from the group VIII and lanthanides series of the periodic table and could be alone or mixed. The support comprises an activated carbon with a high surface area.

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