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(54) Title: SEPARATION OF PROPIONIC ACID FROM ACRYLIC ACID

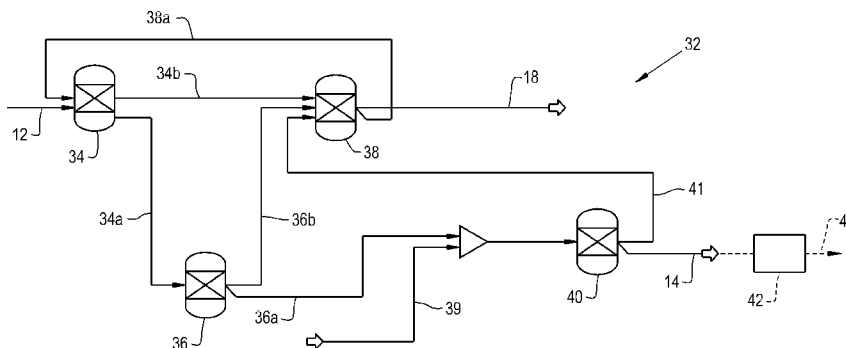


Fig. 7

(57) Abstract: Methods are provided for producing a reduced propionic acid content acrylic acid product having a propionic acid content comparable to acrylic acid products from the conventional two stage oxidation of propylene, but wherein the acrylic acid has been produced by oxidation of propane, by dehydration of glycerol to an acrolein intermediate and oxidation of the acrolein intermediate to acrylic acid, by dehydration of lactic acid or one or more lactate esters or by any combination of these source processes and otherwise is characterized by having excess propionic acid compared to a glacial acrylic acid conventionally prepared from propylene.