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(71) Applicant (for all designated States except US): **EMERY OLEOCHEMICALS LLC** [US/US]; 4900 Este Avenue, Cincinnati, OH 45232 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WALKER, Thomas, Chad** [US/US]; 1513 Shirepeak Way, Independence, KY 41051 (US). **TURNER, Stephen, Wayne** [US/US]; 6028 Meadow Falls Drive, Hamilton, OH 45011 (US). **LANDWEHR, Jay, William** [US/US]; 1044 Cedar Brook Drive, Villa Hills, KY 41017 (US). **DA SILVA ROSA, Douglas** [BR/US]; 8794 Applesseed Drive, Cincinnati, OH

45249 (US). **DURCHHOLZ, Mark, Elliot** [US/US]; 8127 Fox Knoll Drive, West Chester, OH 45069 (US).

(74) Agents: **CAREY, James, P.** et al.; Wood, Herron & Evans, LLP, 2700 Carew Tower, 441 Vine Street, Cincinnati, OH 45202-2917 (US).

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(54) Title: METHOD OF PURIFYING A DICARBOXYLIC ACID

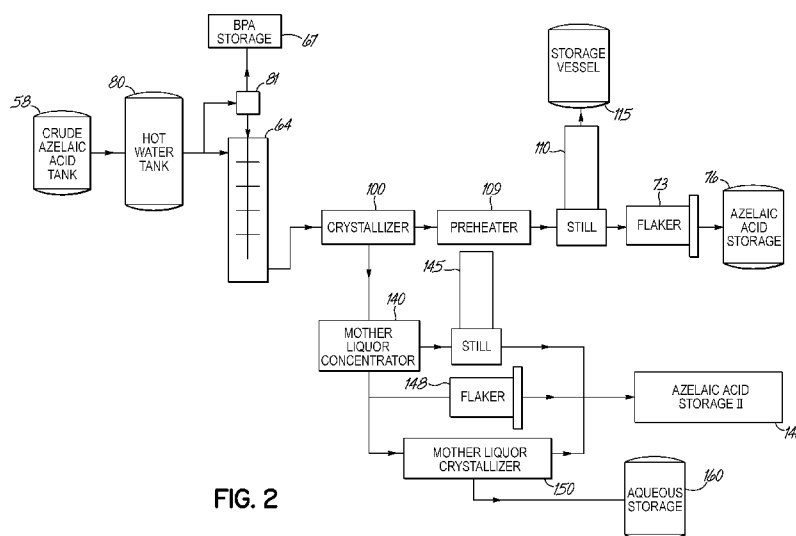


FIG. 2

(57) Abstract: A process for purifying a dicarboxylic acid that is derived from the mixed oxidation products from an ozonization of a mixture containing an ethylenically unsaturated compound having between 6 to 24 carbons, the process includes distilling the mixed oxidation products to provide a first distillate, and a second distillate, where the second distillate includes the dicarboxylic acid and impurity acids, partitioning the second distillate between water and a organic solvent, separating the organic solvent layer from the water layer, lowering the temperature of the water layer to crystallize at least a portion of the dicarboxylic acid, separating the crystallized dicarboxylic acid solid, melting the crystallized dicarboxylic acid, and distilling the liquid dicarboxylic acid to provide a purified dicarboxylic acid.



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