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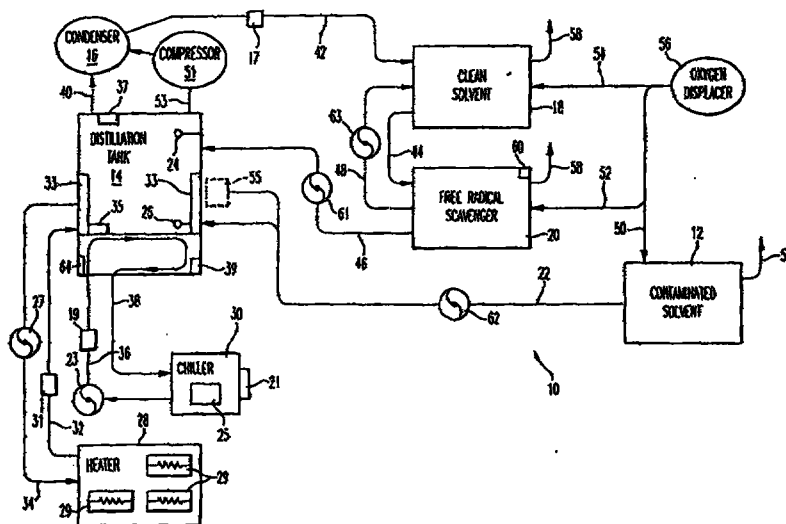
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(54) Title: A METHOD AND APPARATUS FOR RECOVERING AND/OR RECYCLING SOLVENTS



(57) Abstract

A method and apparatus for recycling and recovering potentially explosive solvents includes providing a contaminated solvent to a distillation tank (14), vaporizing the solvent in the distillation tank, thereby producing solvent vapor, condensing the solvent vapor in condenser (16), and adding a free radical scavenger substance to the distillation tank during the heating step. The condensed vapor is then collected in a clean solvent tank (18) where additional free radical scavenger substance is added. The contaminated solvent is introduced into the solvent recovery system (10) by providing contaminated solvent into contaminated solvent tank (12) which is connected to the distillation tank, and an oxygen displacer substance is provided to the contaminated solvent tank and the clean solvent tank so as to minimize the amount of free oxygen in the tanks.