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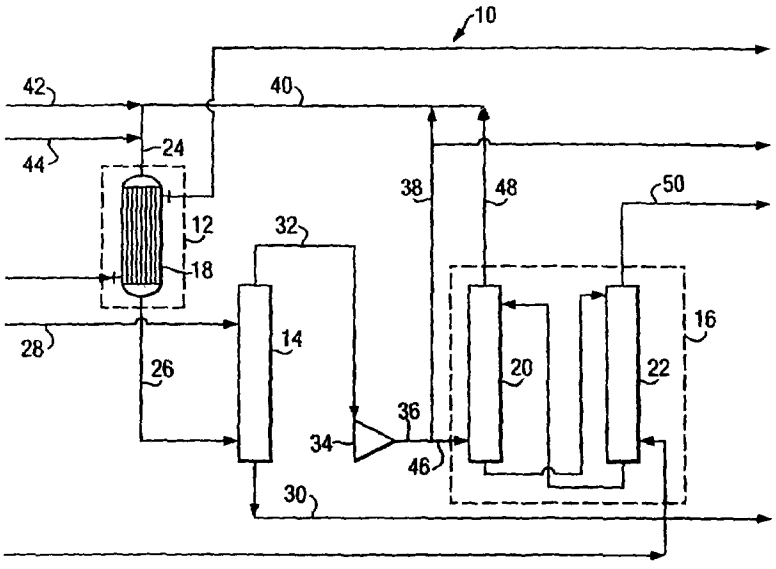
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(54) Title: METHOD OF IMPROVING THE OPERATION OF A MANUFACTURING PROCESS



(57) Abstract: Described is a method of improving the process and operation of an existing system for manufacturing ethylene oxide. The ethylene oxide manufacturing system includes an epoxidation reactor system containing a volume of high activity epoxidation catalyst. The method includes replacing a portion of the volume of high activity epoxidation catalyst with a volume of high selectivity catalyst, and modifying the operation of the process system so as to provide for a feed to the epoxidation reactor system having a reduced carbon dioxide concentration.

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