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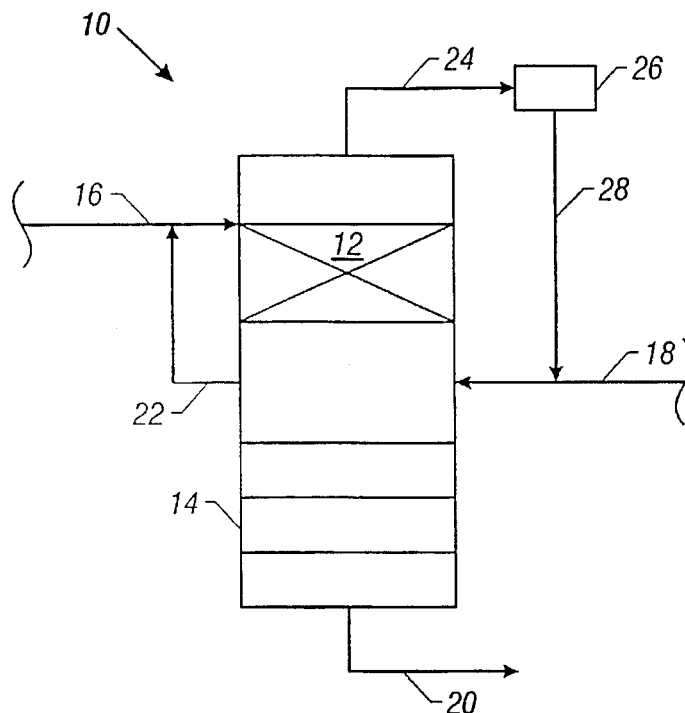
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(54) Title: PROCESS FOR THE HYDROXYLATION OF ALIPHATIC COMPOUNDS



(57) Abstract: A process for hydroxylating aliphatic compounds under catalytic distillation conditions to provide alcohols is provided. The aliphatic compound is contacted, in a distillation column reactor, with an oxidation catalyst and an oxidant under conditions effective to hydroxylate the aliphatic compound while maintaining at least a portion of the aliphatic compound in a liquid phase and separating the hydroxylated product from the un-reacted aliphatic compound.



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