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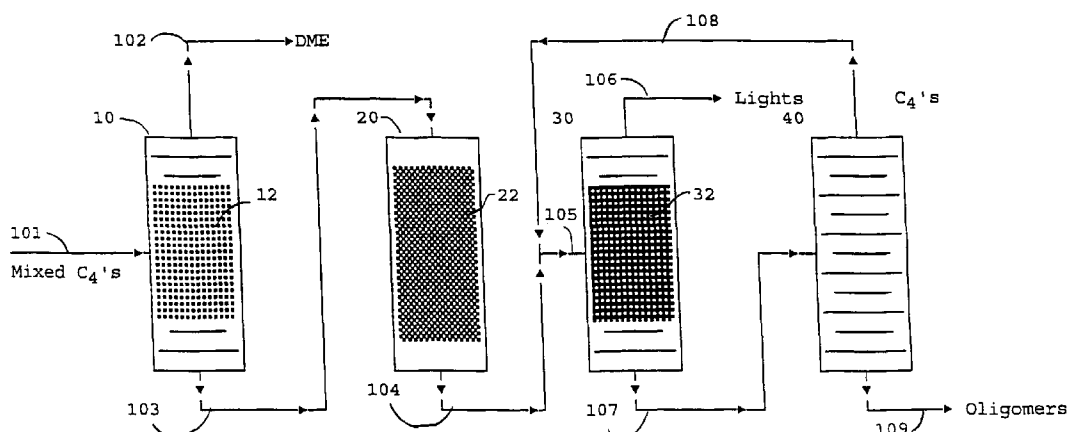
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(54) Title: OLIGOMERIZATION PROCESS



(57) Abstract: Alkenes, such as normal butenes in a mixed C₄ stream are oligomerized, preferably to dimers, which are dimerized in a distillation column reactor over ZSM57 zeolite catalyst at high conversions and high selectivity to octenes. Prior to oligomerization the mixed C₄ stream is pretreated to remove dimethyl ether, butadienes and sulfur compounds.

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