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(54) **Title:** PURIFICATION OF ISOPRENE FROM RENEWABLE RESOURCES

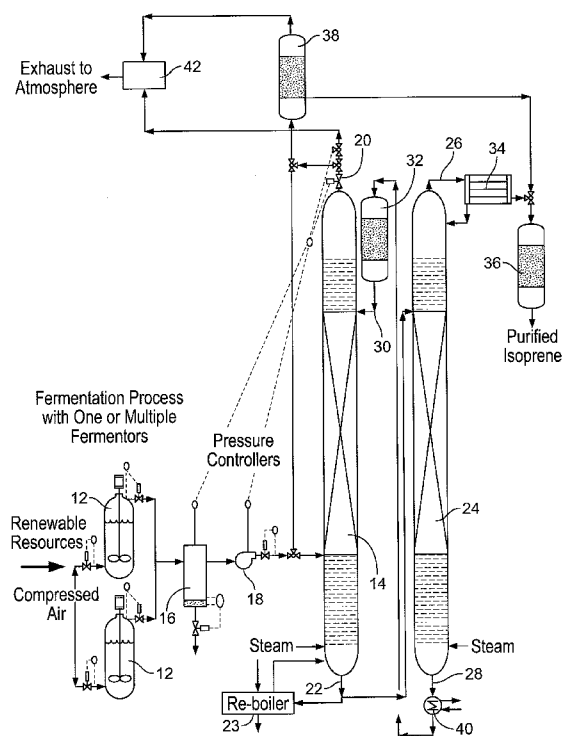


FIG. 1

(57) **Abstract:** Methods and apparatus for the purification of isoprene, such as the purification of a bioisoprene composition from fermentor off-gas. The apparatus includes two columns that process the fermentor off-gas, which includes isoprene and various impurities. A solvent is added to the off-gas in the first column, and the isoprene is stripped from the solvent in the second column. Also provided is a downstream further purification process. Also provided are the resulting purified isoprene compositions.



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