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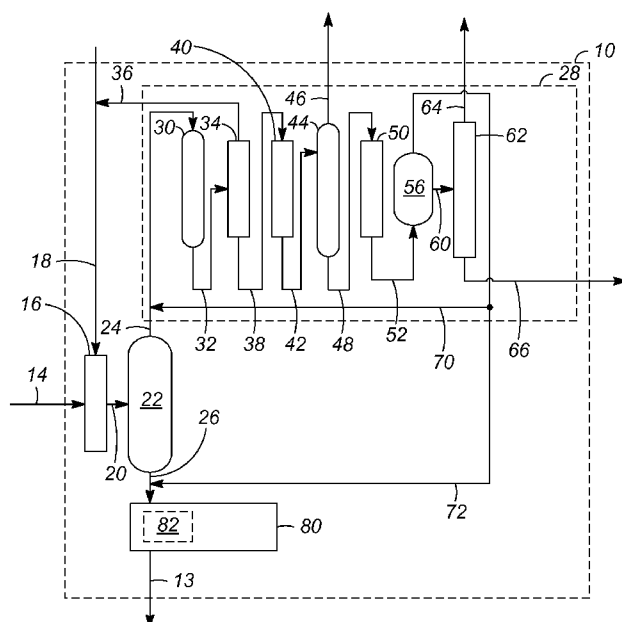
(54) **Title:** METHODS FOR PRODUCING LINEAR PARAFFINS AND OLEFINS FROM NATURAL OILS

FIG. 1

(57) **Abstract:** A method for producing a linear paraffin includes providing a natural oil in a feed stream, deoxygenating the natural oil to form a stream comprising paraffins, purifying the stream comprising paraffins to form a purified stream comprising paraffins, and separating a first fraction of paraffin product from the purified stream comprising paraffins. A method for producing a linear olefin includes providing a natural oil in a feed stream, deoxygenating the natural oil to form a stream comprising paraffins, dehydrogenating the stream comprising paraffins to form a stream comprising olefins, purifying the stream comprising olefins to form a purified stream comprising olefins, and separating a first fraction of olefin product from the purified stream comprising olefins.