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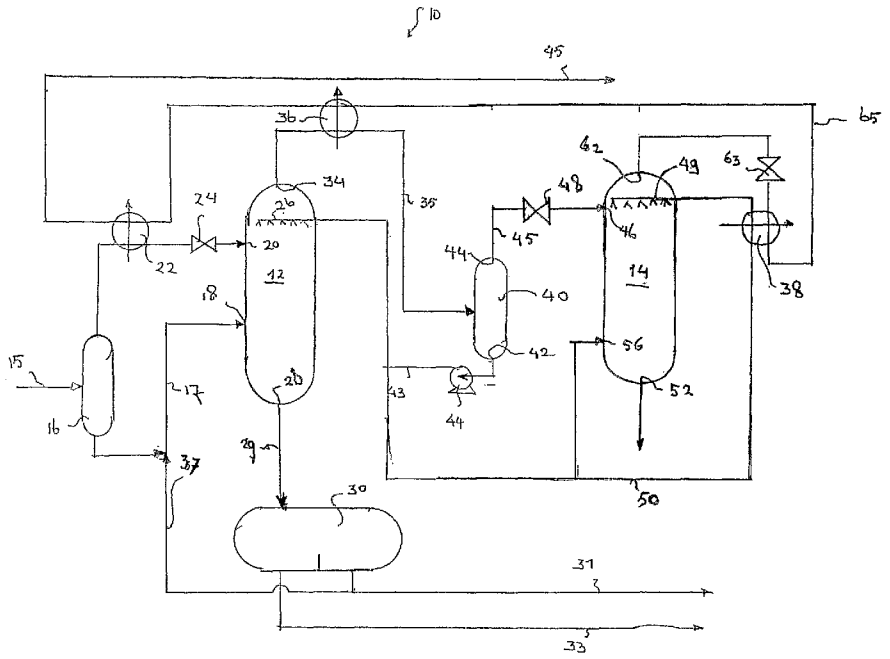
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(54) Title: REMOVING CONTAMINANTS FROM NATURAL GAS



(57) Abstract: A process for removing contaminants from a natural gas feed stream including water and sour species, which process comprises the steps of cooling the natural gas feed stream in a first vessel (12) to a first operating temperature at which hydrates are formed and removing from the first vessel (12) a stream of dehydrated gas (34); and cooling the dehydrated gas in a second vessel (14) to a second operating temperature at which solids of the sour species are formed or at which the sour species dissolve in a liquid and removing from the second vessel (14) a stream of dehydrated sweetened gas (62).

WO 2004/070297 A1

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