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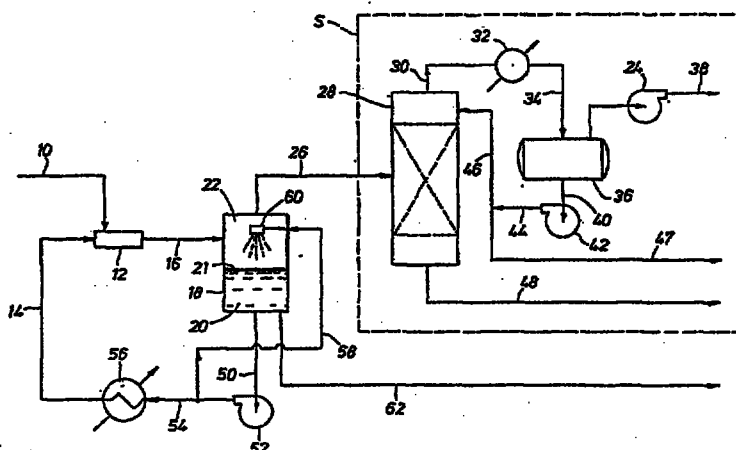
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International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B01D 53/14		A1	(11) International Publication Number: WO 98/48920
			(43) International Publication Date: 5 November 1998 (05.11.98)
(21) International Application Number: PCT/IB97/00820		(81) Designated States: AU, BR, CA, CN, CZ, EE, GE, HU, JP, KR, LT, LV, MX, NO, NZ, PL, RO, SG, Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: 14 May 1997 (14.05.97)			
(30) Priority Data: 08/846,036 25 April 1997 (25.04.97) US			
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(54) Title: **PROCESS FOR RECOVERING PROCESSING LIQUIDS**



(57) Abstract

A process for recovering processing liquids such as gas-treating liquids wherein a feed mixture containing the processing liquid and components or impurities that are more volatile and less volatile than the processing liquid is initially heated in a first heating zone to a temperature sufficient to volatilize at least one of the more volatile components and a portion of the processing liquid, the temperature being maintained below the decomposition temperature of the processing liquid to produce a vapor stream containing the less volatile component and the vaporized portion of the processing liquid and a residuum containing the processing liquid, a reduced concentration of the more volatile components and the less volatile components, the vapor stream being separated from the residuum in a first separation zone, a portion of the residuum being passed through a second heating zone at a temperature below the decomposition temperature of the processing liquid to produce a first heated recycle stream, the heated recycle stream being admixed with the feed mixture to effect the initial heating of the feed mixture, the concentration of the less volatile components in the residuum being reduced, preferably on a continuous basis, any processing liquid present in the vapor stream being recovered for further use.