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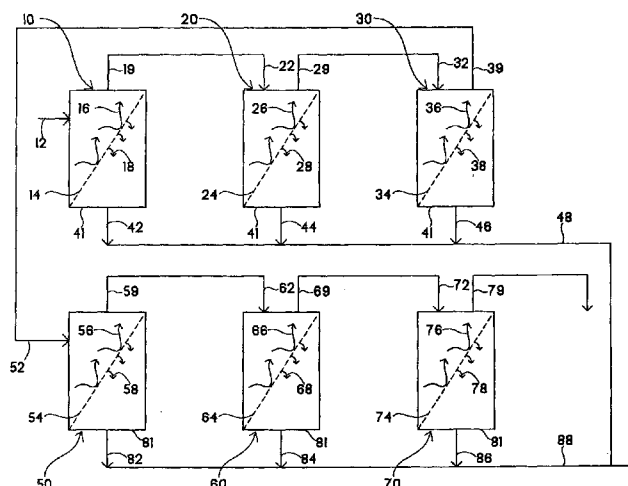
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(54) Title: PROCESS AND APPARATUS FOR BLENDING PRODUCT LIQUID FROM DIFFERENT THIN FILM COMPOSITE MEMBRANES



(57) Abstract: A process and apparatus for membrane treatment includes feeding a liquid to a membrane. The primary membrane (14) separates the feed into a primary membrane retentate (16) and a primary membrane permeate (18). The primary membrane retentate (16) is fed to supplemental primary membranes (24, 34) or to a secondary membrane (54). The primary membrane retentate (16) is separated by the secondary membrane (54) into a secondary membrane retentate (56), and a secondary membrane permeate (58). The secondary membrane retentate (56) may either be discarded, or may be fed to supplemental secondary membranes (64, 74). If the secondary membrane retentate (56) is fed to a supplemental secondary membrane (64), the secondary membrane retentate (56) is separated into a supplemental secondary membrane retentate (66) and supplemental secondary membrane permeate (68). The product liquid is formed by blending the primary membrane permeate (18) with the secondary membrane permeate (58) and all supplemental primary membrane permeates (28, 38) and supplemental secondary membrane permeates (68, 78).



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.