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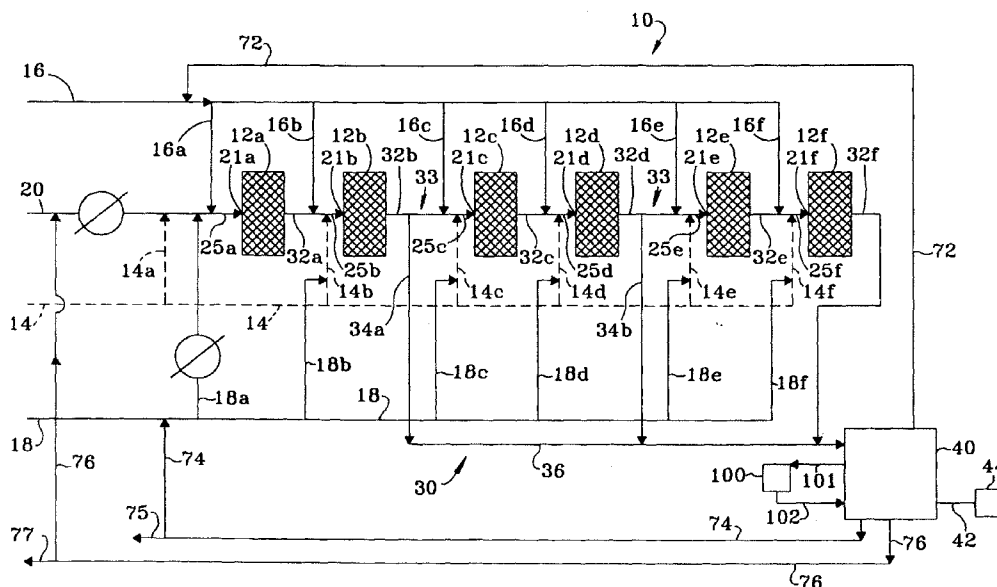
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(54) Title: REACTOR SYSTEM WITH INTERSTAGE PRODUCT REMOVAL



(57) Abstract: The present invention provides a reactor system (10) having: (1) a plurality of reactors (12) connected in fluid flow communication and having at least one pair of reactors (12a,b) separated by an interstage position (33); (2) a line (25) for supplying a reactant feed stream separately to an inlet (21) of more than one of the plurality of reactors (12a,b); and (3) a diverter (30) in fluid communication with the interstage position (33) and capable of directing a first portion of a product stream (32a) exiting one reactor (12a) in said pair of reactors (12a,b) to a first location (40) and a second portion of the product flow stream to an inlet (21b) of another reactor (12b) in said pair of reactors (12a,b).



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