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(54) **Title:** USE OF DOWNCOMER BEAM TO SUPPORT ADJACENT CROSS FLOW TRAYS WITHIN A MASS TRANSFER COLUMN AND PROCESS INVOLVING SAME

(57) **Abstract:** Cross flow trays in a mass transfer column are provided with downcomers having one or more walls that extend from a tray deck of one the cross flow trays to an elevation below a tray deck of an underlying one of the cross flow trays. The downcomer walls are connected to and provide structural support for the tray decks of the cross flow trays.



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