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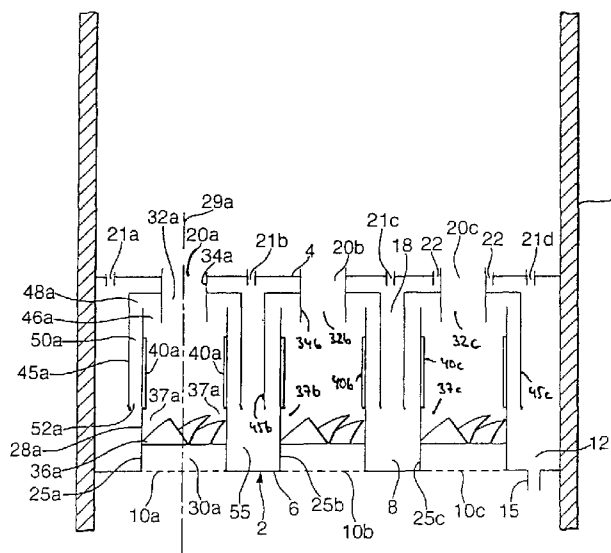
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(54) Title: SEPARATION TRAY



(57) **Abstract:** A separation tray for mounting in a vertical column, which separation tray comprises horizontal upper (4) and lower walls (2) defining an inner space (12) between them and at least one primary separation device for separating fluid into primary gas and liquid-enriched fluid, which primary separation device comprises: a vertical tubular conduit (25a, b, c) a swirl-imparting means (36a) arranged in the conduit so as to form of a layer of liquid-enriched fluid in an annular region adjacent the inner surface of the conduit downstream of the swirl-imparting means, and which separation tray further comprises a means for removing and guiding (40, 45) liquid-enriched fluid from the primary separation device to a secondary separation means for removing entrained liquid from secondary gas, wherein the secondary separation means is formed by the free inner space between the upper and lower walls.

WO 2004/073836 A3



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