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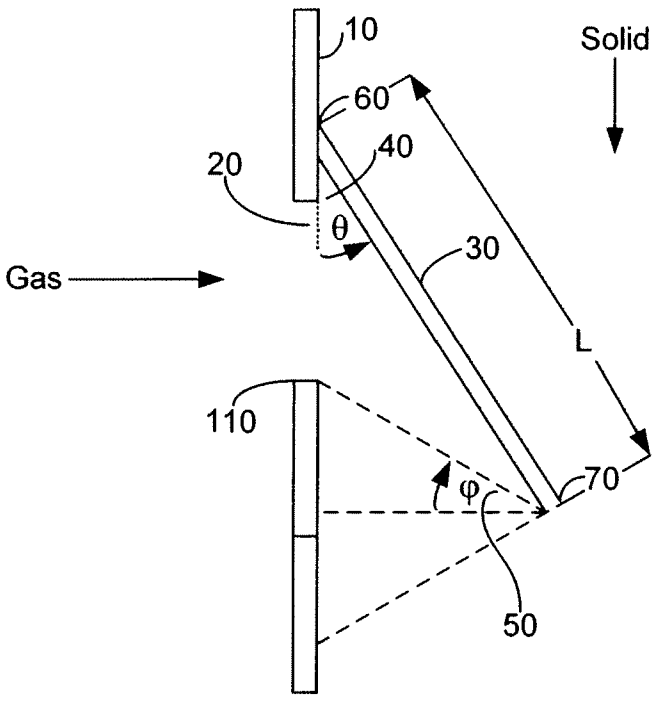
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[Continued on next page]

(54) Title: SCREENLESS INTERNALS FOR RADIAL FLOW REACTORS



(57) Abstract: An apparatus for contacting a bed of particulate material with a cross flowing fluid, which maintains the bed of particulate material within a retention volume. The apparatus includes partitions (10, 100) for retaining particles, with apertures (20, 120) disposed within the partitions (10, 100). The apertures (20, 120) are covered by louvers (30, 130) that extend above the edges (110) of the apertures (20, 120) to prevent solid particles from spilling through inlet apertures (20).

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