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(54) Title: SHIELDING IN A SEPARATION COLUMN

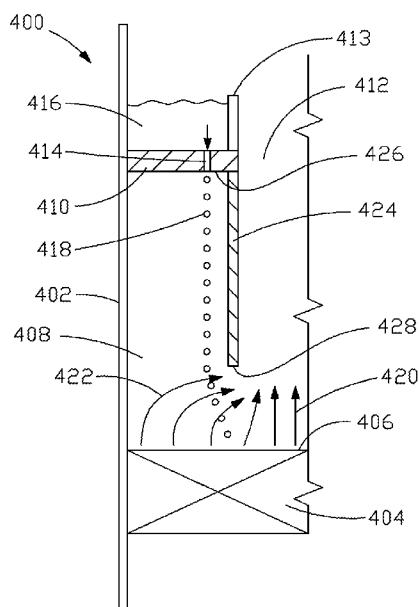


FIG. 4

(57) Abstract: A liquid distributor and method for distribution of a liquid in a mass transfer column, the distributor includes at least one riser comprising at least one riser wall, the at least one riser wall extends from a first surface of the distributor in a first direction of the mass transfer column; at least one shield, the at least one shield extends from a second surface of the distributor opposite the first surface and extending in a second direction opposite the first direction; and at least one liquid distribution aperture extending from the first surface of the distributor through the second surface of the distributor, the at least one shield has a length extending in the second direction such that a gap is created between the at least one shield and a packing, the height of the gap between the shield and the packing is about 10 mm to 75 mm.



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