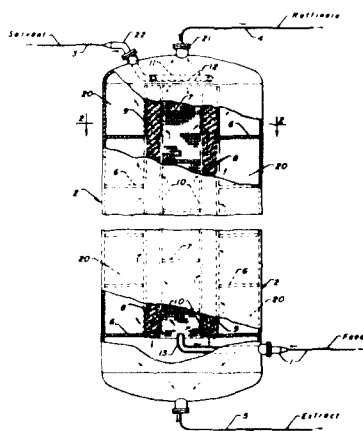


US 4307063.

FLUID CONTACTING APPARATUS.

Dennis E. OBrien, Arlington Heights IL. assigned to UOP Inc.



An apparatus for contacting two immiscible fluids is disclosed. A liquid stream enters the top of the apparatus and travels downward within an annular bed of packing. A vapor stream or a less dense liquid stream enters the bottom of the apparatus and travels upward making many radial flow passes succeeding higher parts of the annular bed. The sigmoid flow of the rising stream is channeled by horizontal disks within the open central volume of the annular bed and by horizontal open-centered rings which surround the annular bed at staggered elevations.

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