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- (71) Applicant (for all designated States except US): **AIR PRODUCTS AND CHEMICALS, INC.** [US/US]; 7201 Hamilton Boulevard, Allentown, Pennsylvania 18195-1501 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **SUNDER, Swaminathan** [US/US]; 6009 Helen Drive, Allentown, Pennsylvania 18104 (US). **HERRON, Donn, Michael** [US/US]; 8228 Peach Lane, Fogelsville, Pennsylvania 18051 (US). **HOUGHTON, Patrick, Alan** [US/US]; 4621

Commonwealth Drive, Emmaus, Pennsylvania 18049 (US).

- (74) Agent: **KOZUCH, James, J.**; Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., Seven Penn Center, 1635 Market Street, 11th Floor, Philadelphia, Pennsylvania 19103 (US).

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- (54) Title: LIQUID DISTRIBUTOR WITH A MIXER

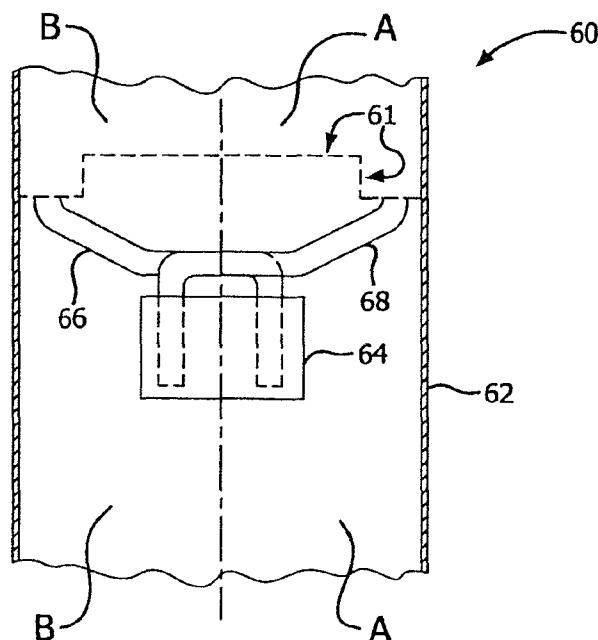


FIG. 2A

- (57) Abstract: An apparatus for distributing a flow of a liquid descending in an inner space of a packed column includes: a collector to collect the flow of the liquid; a mixer below and vertically spaced apart from the collector to receive and mix the liquid collected; a first conduit to receive and transmit at least part of the liquid from a first sector of the collector to a first zone of the mixer; and a second conduit to receive and transmit at least part of the liquid from a second sector of the collector to a second zone of the mixer. A geometric center of the first sector of the collector is positioned circumferentially away from a geometric center of the first zone of the mixer and/or a geometric center of the collector's second sector is positioned circumferentially away from a geometric center of the mixer's second zone.



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— *with international search report (Art. 21(3))*

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*