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(54) Title: SCRUBBER FOR WASTE GASES

(57) Abstract

A waste gas scrubber includes a hollow, cylindrical atomizer, mounted rotation about its longitudinal axis. The atomizer is partially submerged in a pool of liquid. The atomizer has relatively large openings at its two ends, and has a plurality of closely-spaced vanes along its middle section. Waste gas is drawn into the openings at one end of the atomizer, and is combined with liquid scooped in by the vanes when the atomizer rotates, and substantially the entire interior region of the atomizer is used for scrubbing. The resulting fluid is then drawn out of the atomizer through the openings at its other end. A blower provides negative pressure which draws the fluids through desired path, and which overcomes the centrifugal force produced by rotation of the atomizer.

