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(54) **Title:** AN IMPROVED WET SCRUBBER

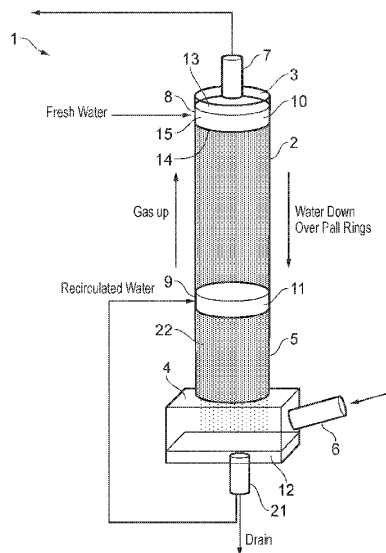


FIG. 1

(57) **Abstract:** The present invention provides a wet scrubber for gas abatement, comprising a scrubbing vessel defining a chamber, a gas inlet for supplying a gas to be scrubbed, and a gas outlet for allowing the egress of a scrubbed gas; the inlet and outlet being in fluid communication with one another; one or more scrubbing fluid supply ports; the wet scrubber comprising at least one distribution element connected to a scrubbing fluid supply port for distributing a scrubbing fluid inside the chamber; wherein at least one said distribution element is a distribution plate comprising a cavity and a plurality of apertures arranged to allow scrubbing fluid to flow from the cavity.

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