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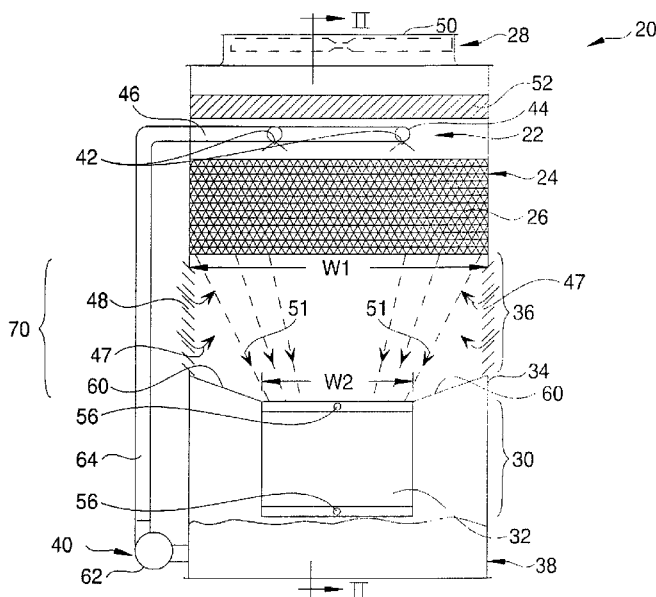
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(54) Title: EVAPORATIVE COOLER



(57) **Abstract:** An evaporative cooler and method of operation is provided in which the cooler includes a liquid distributor, a body having a surface for receiving liquid form the distributor, an air moving device for generating a flow of air over the surface of the body, a heat transfer working fluid conduit having a surface arranged to receive substantially all of the liquid from the body and a liquid recirculating mechanism to recirculate the liquid from the conduit surface to the body surface. In an embodiment the body occupies a plan area larger than the plan area occupied by the conduit. In an embodiment, the conduit is located outside of the flow of air. In an embodiment, the velocity of the liquid is increased after it leaves the body and before it engages the conduit.



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