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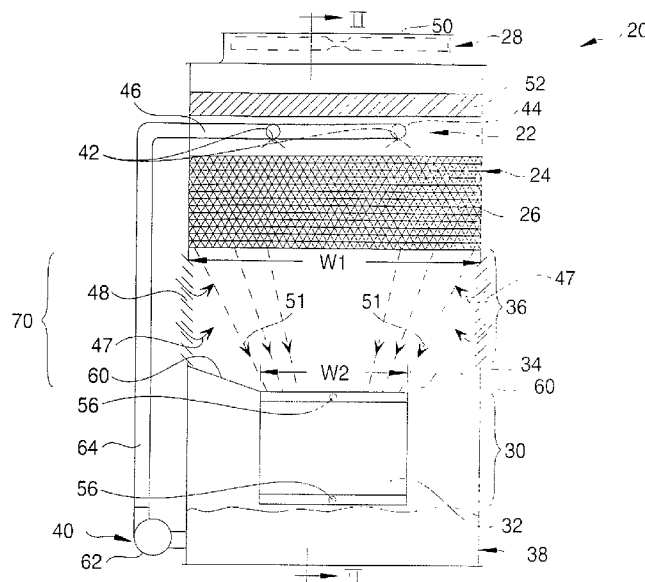
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(54) Title: EVAPORATIVE COOLER



(57) Abstract: An evaporative cooler (20) and method of operation is provided in which the cooler (20) includes a liquid distributor (22), a body (26) having a surface for receiving liquid from the distributor (22), an air moving device (28) for generating a flow of air over the surface of the body (26), a heat transfer working fluid conduit (32) having a surface arranged to receive substantially all of the liquid from the body (26) and a liquid recirculating mechanism (40) to recirculate the liquid from the conduit (32) surface to the body (26) surface. The body (26) occupies a plan area larger than the plan area occupied by the conduit (32), the conduit (32) being located outside the flow of air, and the velocity of liquid being increased after it leaves the body (26) and before it engages the conduit (32).



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