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(54) Title: AN EVAPORATOR PLATE HEAT EXCHANGER

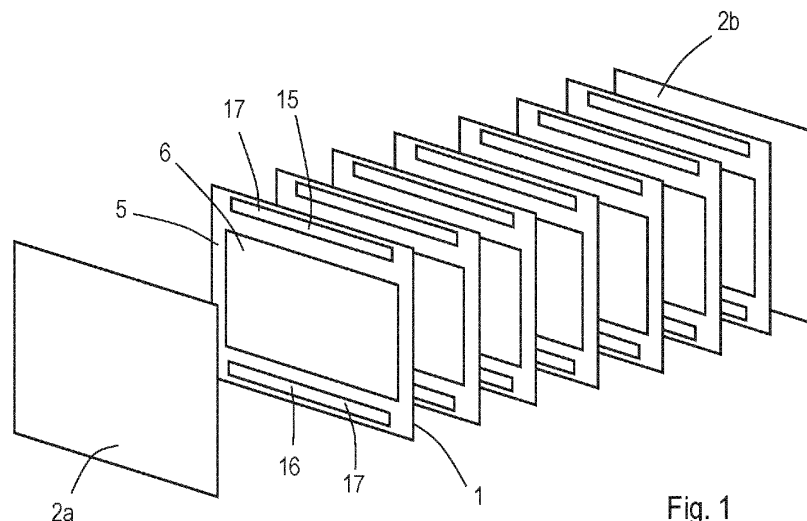


Fig. 1

(57) Abstract: The invention is directed to an evaporator plate heat exchanger comprising a water supply (1) and a water discharge (2) and a stack (4) of injected moulded frames (5) and heat exchange sheets (6), wherein the stack has two ends (7, 8) and at least four sides (9, 10, 11, 12). The stack (4) has alternating first (13) and second (14) spaces between the heat exchange sheets (6). The stack (4) comprises a first enclosed space (15) at one side of the stack (4) which is fluidly connected to the first spaces (13) and not fluidly connected to the second spaces (14). The first enclosed space (15) is fluidly connected to the water supply (1).

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