

Title (en)
DEVICE AND METHOD FOR EFFICIENT CONDENSATION

Title (de)
VORRICHTUNG UND VERFAHREN ZUM EFFIZIENTEN KONDENSIEREN

Title (fr)
PROCÉDÉ ET DISPOSITIF DE CONDENSATION EFFICACE

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Application
EP 09768974 A 20090623

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Abstract (en)
[origin: WO2009156125A2] The invention relates to an evaporator or a condenser (43) comprising a surface on which a working liquid (41) is placed. Turbulence generators (40) are also provided for generating turbulences in the working liquid on the working surface. A laminator (48) is alternatively or additionally provided in the condenser, for laminating the steam flow produced by the compressor. The evaporation efficiency is increased in the evaporator, and the condenser efficiency is increased in the condenser, which is useful for enabling the size of said components to be significantly reducing without any loss in performance, especially for a heat pump for heating buildings.

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See references of WO 2009156125A2

Cited by
US11247188B2; WO2018172048A1

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