

Title (en)

DEVICE AND METHOD FOR EFFICIENT CONDENSATION

Title (de)

VORRICHTUNG UND VERFAHREN ZUM EFFIZIENTEN KONDENSIEREN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CONDENSATION EFFICACE

Publication

**EP 2307824 A2 20110413 (DE)**

Application

**EP 09768974 A 20090623**

Priority

- EP 2009004519 W 20090623
- DE 102008029597 A 20080623
- DE 102008031300 A 20080702

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.

IPC 8 full level

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Citation (search report)

See references of WO 2009156125A2

Cited by

US11247188B2; WO2018172048A1

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