

Title (en)

DEVICE FOR EXTRACTING WATER FROM THE AIR BY MEANS OF CONDENSATION

Title (de)

VORRICHTUNG ZUM EXTRAHIEREN VON WASSER AUS DER LUFT MITTELS KONDENSATION

Title (fr)

DISPOSITIF D'EXTRACTION DE L'EAU PRESENTE DANS L'AIR PAR CONDENSATION

Publication

EP 1636432 A1 20060322 (FR)

Application

EP 04703198 A 20040119

Priority

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- FR 0300628 A 20030120

Abstract (en)

[origin: FR2850122A1] The device has cool plates (12,12) arranged parallely in a pumping chamber (4,4). The chamber forms a predetermined horizontal angle to collect water by simple gravity. An inlet provides hot air with pressure in an entrance chamber (2) from which the air circulates between the cool plates. The pumping chamber allows the used air to flow into an exit chamber (6,6) linked to the free air.

IPC 1-7

E03B 3/28; **B01D 5/00**; **F28B 1/00**; **C02F 1/04**

IPC 8 full level

B01D 5/00 (2006.01); **E03B 3/28** (2006.01); **F28D 9/00** (2006.01); **F28F 17/00** (2006.01)

CPC (source: EP)

B01D 5/0015 (2013.01); **E03B 3/28** (2013.01); **F28D 9/0031** (2013.01); **F28F 17/00** (2013.01); **Y02A 20/00** (2017.12)

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