

Title (en)

CONDENSING DEHUMIDIFIER FOR AN ARENA OR THE LIKE

Title (de)

KONDENSATIONSENTFEUCHTER FÜR EINE ARENA ODER DERGLEICHEN

Title (fr)

DÉSHUMIDIFICATEUR À CONDENSATION POUR UNE ARÈNE OU SIMILAIRE

Publication

EP 3781875 A4 20220330 (EN)

Application

EP 18914948 A 20180420

Priority

CA 2018000075 W 20180420

Abstract (en)

[origin: WO2019200448A1] A dehumidifier for operation within the 5°C to 20°C temperature range and 50 to 100 percent relative humidity range of air includes an evaporator, a condenser, a fan that draws humid air through the evaporator and condenser, and a compressor for pumping refrigerant fluid through both the evaporator and condenser. The evaporation temperature is maintained in the evaporator at least at -4°C, resulting in a temperature within the evaporator and at the outlet thereof being greater than 0°C, thereby preventing the formation of ice in the evaporator and allowing the operation of the evaporator to its full power all the time.

IPC 8 full level

F24F 3/14 (2006.01); **F24F 11/41** (2018.01); **F24F 11/83** (2018.01); **F25B 47/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (application)

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