

Title (en)
Humidifier

Title (de)
Luftbefeuchter

Title (fr)
Humidificateur d'air

Publication
EP 2677244 A3 20160810 (DE)

Application
EP 13169707 A 20130529

Priority
AT 502392012 A 20120622

Abstract (en)
[origin: EP2677244A2] The humidifier has a heat exchanger (3) that is arranged inside the water reservoir (4). The heat exchanger is arranged on the primary side as a condenser in the refrigerant circuit of a heat pump while the secondary side is connected to a vapor distribution pipe (6). The heat exchanger is formed of the heat pump as a plate heat exchanger or tubular heat exchanger coaxial heat. The water reservoir is provided with steel level control.

IPC 8 full level
F24F 6/18 (2006.01); **F22B 1/02** (2006.01); **F24F 3/14** (2006.01); **F25B 7/00** (2006.01); **F25B 30/02** (2006.01); **F25B 39/04** (2006.01)

CPC (source: EP)
F24F 3/14 (2013.01); **F24F 6/18** (2013.01); **F25B 7/00** (2013.01); **F25B 30/02** (2013.01)

Citation (search report)

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- [AD] JP H07294058 A 19951110 - KAJIMA CORP
- [A] US 4698979 A 19871013 - MCGUIGAN BRIAN G [US]
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CN106282905A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2677244 A2 20131225; **EP 2677244 A3 20160810**; **EP 2677244 B1 20170816**; AT 512522 A4 20130915; AT 512522 B1 20130915

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