

Title (en)
Method and device for dehumidification

Title (de)
Verfahren und Vorrichtung zur Entfeuchtung

Title (fr)
Procédé et dispositif pour la déshumidification

Publication
EP 1923516 A3 20131127 (DE)

Application
EP 07120830 A 20071116

Priority
DE 102006054355 A 20061117

Abstract (en)
[origin: EP1923516A2] The method involves producing circulating air using a ventilator (10). An exhaust air is produced temporally based on a water vapor partial pressure difference between inside and outside and/or based on relative interior air humidity. The exhaust air is produced based on an external dynamic pressure in an exhaust air area. Heating, which is effective with respect to an upper surface, is carried out, where the object and/or the structure is heated. An independent claim is also included for an arrangement for dehumidifying object or structure in an area.

IPC 8 full level
E04B 1/70 (2006.01); **F24F 3/14** (2006.01); **F24F 5/00** (2006.01); **F24F 11/00** (2006.01); **F24F 13/22** (2006.01)

CPC (source: EP US)
E04B 1/7007 (2013.01 - EP); **E04B 1/7069** (2013.01 - EP); **F24F 3/14** (2013.01 - EP); **F24F 5/0089** (2013.01 - EP); **F24F 11/0001** (2013.01 - EP); **F24F 11/30** (2017.12 - EP US); **F24F 2013/221** (2013.01 - EP); **F24F 2110/20** (2017.12 - EP)

Citation (search report)

- [X1] US 2002124432 A1 20020912 - CRESSY CHARLES S [US], et al
- [I] US 5253804 A 19931019 - SARAZEN JR PAUL M [US], et al
- [X1] WO 2006095763 A1 20060914 - CLOUD NINE CO LTD [JP], et al
- [A] US 2005252983 A1 20051117 - ACKER PHILLIP F JR [US]
- [A] EP 1588873 A1 20051026 - FRAUNHOFER GES FORSCHUNG [DE] & US 2009014545 A1 20090115 - HORIUCHI HIROAKI [JP]

Cited by
IT202200009380A1; IT202200009383A1; GB2462066A; GB2462066B

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1923516 A2 20080521; EP 1923516 A3 20131127; DE 102006054355 A1 20080605

DOCDB simple family (application)
EP 07120830 A 20071116; DE 102006054355 A 20061117