

Title (en)

METHOD AND DEVICE FOR DEHUMIDIFYING A STRUCTURE SUCH AS A WALL

Title (de)

VERFAHREN UND VORRICHTUNG FÜR DAS ENTFEUCHTEN EINES BAUWERKES, ZUM BEISPIEL EINER WAND

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR DÉSHUMIDIFIER UN OUVRAGE TEL QU UN MUR

Publication

EP 1488053 A1 20041222 (FR)

Application

EP 03727599 A 20030319

Priority

- FR 0300882 W 20030319
- FR 0203392 A 20020319

Abstract (en)

[origin: WO03078749A1] The device comprises a tube (1) with perforations (2), arranged in a blind hole (4) cut in a wall and supporting an inner concentric tube (7) with a solid wall. The space (9) between the two tubes is used to blow a current of air through, restricted at the inlet (11), undergoing a reduction in loading within the circuit, thus generating a depression which pumps humidity from the wall (5) and expels the same through the centre (10) of the tube (7). The above may be adapted to any thickness of wall by the provision of extensions (12).

IPC 1-7

E04B 1/70

IPC 8 full level

E04B 1/64 (2006.01); **E04B 1/70** (2006.01)

CPC (source: EP US)

E04B 1/7084 (2013.01 - EP US)

Citation (search report)

See references of WO 03078749A1

Cited by

CN101787743A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03078749 A1 20030925; AU 2003233386 A1 20030929; CA 2478563 A1 20030925; EP 1488053 A1 20041222; FR 2837511 A1 20030926; FR 2837511 B1 20040528; JP 2005520953 A 20050714; US 2005252380 A1 20051117

DOCDB simple family (application)

FR 0300882 W 20030319; AU 2003233386 A 20030319; CA 2478563 A 20030319; EP 03727599 A 20030319; FR 0203392 A 20020319; JP 2003576729 A 20030319; US 50824705 A 20050606