

Title (en)  
DEVICE FOR CONVEYING DAMP OR SALTS

Title (de)  
GERÄT ZUM TRANSPORT VON FEUCHTE ODER SALZEN

Title (fr)  
APPAREIL POUR LA DISSIPATION DE L'HUMIDITE OU DES SELS

Publication  
**EP 0688383 B1 19961218 (DE)**

Application  
**EP 94908204 A 19940303**

Priority  
• AT 9400021 W 19940303  
• AT 43593 A 19930308

Abstract (en)  
[origin: WO9420702A2] In a device for conveying damp or salts, e.g., to dry masonry, with at least one electrical conductor wound into a coil (100) and fitted in a housing, the winding diameter of the coil (100) diminishes spirally from one end to the other. Here the distance between the windings of a spiral or wedge-spiral coil (100) and the coil axis in the inward direction is 40 to 60 % smaller on each full revolution than the previous distance. On average, therefore, this gives: for the spiral radius measured at 90 DEG :  $R'1 = R1 - R2/4$ ; at 180 DEG :  $R''1 = R1 - R2/2$ ; at 270 DEG :  $R'''1 = R1 - R2 \times 3/4$ ; at 360 DEG :  $R2 = R1/2$ .

IPC 1-7  
**E04B 1/70**; **H01F 5/00**

IPC 8 full level  
**E04B 1/70** (2006.01); **H01F 5/00** (2006.01)

CPC (source: EP)  
**E04B 1/7007** (2013.01); **H01F 5/00** (2013.01); **H01F 2005/006** (2013.01)

Cited by  
CN107532419A; RU2708432C2; EP3040490A1; US10214898B2; WO2004088055A1; WO2016166267A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9420702 A2 19940915**; **WO 9420702 A3 19941013**; AT E146546 T1 19970115; CZ 227295 A3 19960214; DE 59401342 D1 19970130; DK 0688383 T3 19970512; EP 0688383 A1 19951227; EP 0688383 B1 19961218; ES 2097639 T3 19970401; HU 214378 B 19980330; HU T72111 A 19960328; PL 176215 B1 19990531; PL 310525 A1 19951227; RO 112647 B1 19971128; SK 109595 A3 19960110

DOCDB simple family (application)  
**AT 9400021 W 19940303**; AT 94908204 T 19940303; CZ 227295 A 19940303; DE 59401342 T 19940303; DK 94908204 T 19940303; EP 94908204 A 19940303; ES 94908204 T 19940303; HU 9502611 A 19940303; PL 31052594 A 19940303; RO 9501577 A 19940303; SK 109595 A 19940303