

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 A1 19951227 (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; WO2016166267A1; WO2004088055A1

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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

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