

Title (en)

Dewatering device for masonry

Title (de)

Vorrichtung zur Entfeuchtung von Mauerwerk

Title (fr)

Dispositif pour la deshumidification de maçonnerie

Publication

EP 0736639 B1 20010808 (DE)

Application

EP 96103451 A 19960306

Priority

- DE 29504588 U 19950310
- DE 29511719 U 19950720

Abstract (en)

[origin: EP0736639A1] Moisture is driven from the wall (1) by the field radiated at preferably the most effective frequency of 141 kHz from a coil (L) driven by the VCO (6). A mains power unit (2) delivers also a low-frequency signal (S1) serving as a reference for the phase comparison (3) of the output (S4) from a 1410:1 frequency divider (4). A variant embodiment with better electromagnetic compatibility incorporates a pulse modulator applying a sequence of exponentially decaying pulses, and a switched frequency divider supplying an additional signal at 50 Hz.

IPC 1-7

E04B 1/70

IPC 8 full level

E04B 1/70 (2006.01); **H05B 6/48** (2006.01); **H05B 6/62** (2006.01)

CPC (source: EP)

E04B 1/7007 (2013.01); **H05B 6/48** (2013.01); **H05B 6/62** (2013.01)

Cited by

EP0928853A1; EP0928854A1; EP0928855A1; EP0928856A1; DE19800598A1; DE19800595A1; DE19800596A1; DE19800597A1; EP2157491A1; EP2535782A1; ITMI20081522A1; DE102010061545A1; WO2006016011A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0736639 A1 19961009; EP 0736639 B1 20010808; AT E204047 T1 20010815; ES 2161931 T3 20011216

DOCDB simple family (application)

EP 96103451 A 19960306; AT 96103451 T 19960306; ES 96103451 T 19960306