

Search query (2): [SP]: claims 1. a wall dehumidification system, comprising: a generator (2) for a magnetic or electromagnetic field (e) to be directed toward a wall structure to be dehumidified - means (5) for voltage powering said generator (2) an electronic control unit (6) of said generator (2) having a driving circuit (7) supplied by said powering means (5) and adapted to send to said generator (2) a frequency driving signal (s) for generating said field (e) impulsive adjusting means (8) adapted to control said driving circuit (7) for generating a pulse-type driving signal (s) for emitting an impulsive field (e) with variable frequency characterized in that said adjusting means (8) comprise a programmable clock generator (9) adapted to generate a sequence of a impulsive signals (s) having fixed width at different frequencies inside said range and a programmable timer (10) adapted to define the duty cycle of each of said impulsive signals (s). 2. system as claimed in claim 1, characterized in that said generator (2) comprises a power stage (3) connected to an emitting antenna (4) for said field (e). 3. system as claimed in claim 2, characterized in that said driving circuit (7) is of the on/off type and is applied to said power stage (3) for generating said impulsive signal (s). 4. system as claimed in claim 3, characterized in that said driving circuit (7) is adapted to send said impulsive signal (s) to said power stage (3) with an adjustable frequency inside a predetermined range. 5. system as claimed in claim 4, characterized in that the frequency of said driving signal (s) is adjustable in a range between 10hz and 10khz. 6. system as claimed in claim 1, characterized in that said timer (10) is programmable inside a time range between lmin and lomin. 7. system as claimed in any preceding claim, characterized in that said power supply means (5) comprise a first adjustable power feeder (12) adapted to power said driving circuit (7) with a variable voltage to vary the power of said field (e). 8. system as claimed in claim 7, characterized in that said voltage is variable between 5v and 12v. 9. system as claimed in claim 8, characterized in that said powering means (5) comprise a stabilized second power feeder (13) adapted to connect said central unit (6) to the electricity mains (r) to power the logic thereof with a predetermined and constant voltage.

Results: 6

Search history

Search pn=WO/2016/055969 (Results 1)

1:

Search [SP]: claims 1. a wall dehumidification system, comprising: a generator (2) for a magnetic or electromagnetic field (e) to be directed toward a wall structure to be dehumidified - means (5) for voltage powering said generator (2) an electronic control unit (6) of said generator (2) having a driving circuit (7) supplied by said powering means (5) and adapted to send to said generator (2) a frequency driving signal (s) for generating said field (e) impulsive adjusting means (8) adapted to control said driving circuit (7) for generating a pulse-type driving signal (s) for emitting an impulsive field (e) with variable frequency characterized in that said adjusting means (8) comprise a programmable clock generator (9) adapted to generate a sequence of a impulsive signals (s) having fixed width at different frequencies inside said range and a programmable timer (10) adapted to define the duty cycle of each of said impulsive signals (s). 2. system as claimed in claim 1, characterized in that said generator (2) comprises a power stage (3) connected to an emitting antenna (4) for said field (e). 3. system as claimed in claim 2, characterized in that said driving circuit (7) is of the on/off type and is applied to said power stage (3) for generating said impulsive signal (s). 4. system as claimed in claim 3, characterized in that said driving circuit (7) is adapted to send said impulsive signal (s) to said power stage (3) with an adjustable frequency inside a predetermined range. 5. system as claimed in claim 4, characterized in that the frequency of said driving signal (s) is adjustable in a range between 10hz and 10khz. 6. system as claimed in claim 1, characterized in that said timer (10) is programmable inside a time range between lmin and lomin. 7. system as claimed in any preceding claim, characterized in that said power supply means (5) comprise a first adjustable power feeder (12) adapted to power said driving circuit (7) with a variable voltage to vary the power of said field (e). 8. system as claimed in claim 7, characterized in that said voltage is variable between 5v and 12v. 9. system as claimed in claim 8, characterized in that said powering means (5) comprise a stabilized second power feeder (13) adapted to connect said central unit (6) to the electricity mains (r) to power the logic thereof with a predetermined and constant voltage. (Results 6)

Title: APPARATUS FOR INFLUENCING THE ELECTROMAGNETIC EARTH FIELD, IN PARTICULAR FOR THE PURPOSE OF DRYING MASONRYWORK

Abstract: Source: AT392109B [EN] An apparatus for influencing the electromagnetic earth field, in particular for the purpose of drying masonrywork, has a pulse generator circuit 4, by means of which an oscillating circuit 3 is activated by pulses of uniform polarity. The oscillation thus produced in the oscillating circuit 3 is emitted via an aerial 12. The pulse repetition frequency of the pulse generator circuit 4 is coordinated with the frequency of the electromagnetic earth field and is preferably from 7 to 5 pulses/sec. The oscillating frequency of the oscillating circuit is in the kilohertz range and is preferably from 10 to 60 kHz.

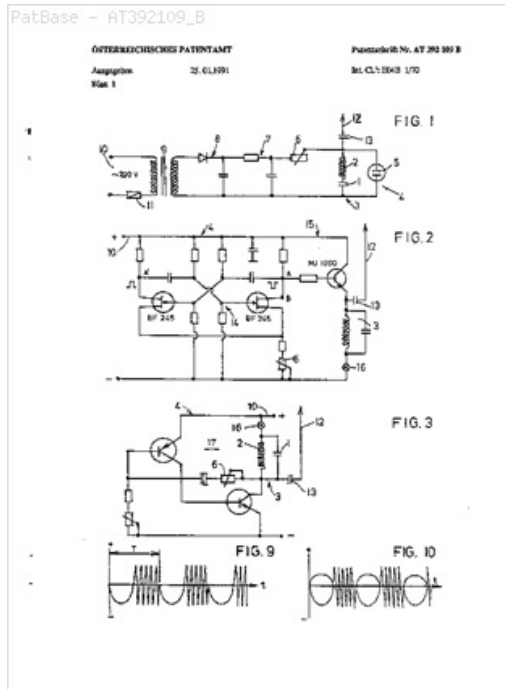
Classifications:

International (IPC 8-9): E04B1/70 (Advanced/Invention);
E04B1/70 (Core/Invention)

International (IPC 1-7): E04B1/70

CPC: E04B1/7007

European: E04B1/70B



Family:

Publication number	Publication date	Application number	Application date
AT239886 A	19871215	AT19860002398	19860905
AT392109 B	19910125	AT19860002398	19860905

Priority:

AT19860002398 19860905

Probable Assignee:

WIGELBEYER HELMUT

Assignee(s): (std):

WIGELBEYER HELMUT

Title: DEVICE FOR DRYING AND/OR DESALTING OF BUILDINGS

Abstract: The arrangement has an active device for subjecting the structure (1) to electromagnetic oscillations (2) with a frequency in the region of 141 kHz and/or for forming a potential sink (3) in the surroundings. Each active device has an associated automatically actuated control element (12,14,15,18) for varying the intensity of its effect. The control element can be controlled by an electronic controller (21) depending on measurement devices (34) in the vicinity of the structure. The controller has a microcomputer with a data converter and memory which processes an actual value to generate a control signal and stores it in the memory. The data converter digitizes the input signals and converts the output signals into a form acceptable to the control elements.

Classifications:

International (IPC 8-9): E04B1/70 (Advanced/Invention);

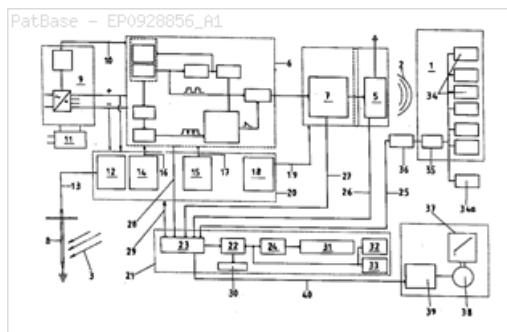
E04B1/70 (Core/Invention)

International (IPC 1-7): E04B1/70 G01N17/02 G01N19/10

G01N33/38 G05B15/02 H03B28/00 H03L5/02

CPC: E04B1/7007

European: E04B1/70B



Family:

Publication number	Publication date	Application number	Application date
AT251700 E	20031015	AT19990100061T	19990105
DE19800597 A1	19990722	DE19981000597	19980109
DE29823723 U1	19991028	DE19982023723U	19980109
DE59907241 D1	20031113	DE19995007241	19990105
EP0928856 A1	19990714	EP19990100061	19990105
EP0928856 B1	20031008	EP19990100061	19990105
ES2209249 T3	20040616	ES19990100061T	19990105
SI0928856 T1	20040430	SI19990030497T	19990105

Priority:

DE19981000597 19980109

DE19982023723U 19980109

DE19995007241 19990105

EP19990100061 19990105

Probable Assignee: BERGER HILDEGARD

Assignee(s): (std): BERGER HILDEGARD

Assignee(s): BERGER HILDEGARD 89356 HALDENWANG DE

Inventor(s): (std): BERGER GUENTHER ; BERGER GUNTHER ; BERGER HILDEGARD ; RAABE KLAUS

Inventor(s): RAABE KLAUS 89349 BURTENBACH DE ; BERGER HILDEGARD 89356 HALDENWANG DE ; BERGER GUENTHER 89356 HALDENWANG DE

Designated states: AT CH DE ES FR GB IT LI

Title: DEVICE FOR DRYING AND/OR DESALTING OF BUILDINGS

Abstract: The structure (1) is subjected to an electromagnetic oscillation (2) of frequency in the region of 141 kHz and amplitude which decays preferably exponentially over each of a succession of sequences of different lengths, and which is generated by a coil subjected to a suitable voltage. The sequences follow each other in time with a first low frequency signal (21). An Independent claim is also included for an arrangement for removing moisture and-or salts from building structures.

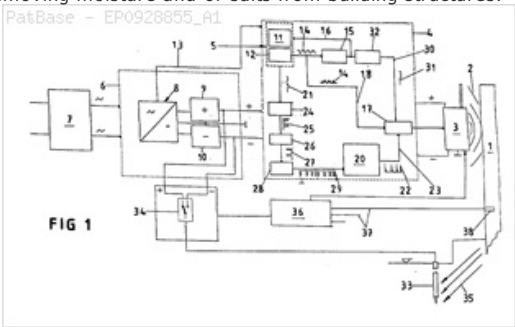
Classifications:

International (IPC 8-9): E04B1/70 (Advanced/Invention);
E04B1/70 (Core/Invention)

International (IPC 1-7): E04B1/70 H03B28/00

CPC: E04B1/7007

European: E04B1/70B



Family:

Publication number	Publication date	Application number	Application date
AT251699 E	20031015	AT19990100060T	19990105
DE19800596 A1	19990722	DE19981000596	19980109
DE29823722 U1	19991223	DE19982023722U	19980109
DE59907240 D1	20031113	DE19995007240	19990105
EP0928855 A1	19990714	EP19990100060	19990105
EP0928855 B1	20031008	EP19990100060	19990105
ES2209248 T3	20040616	ES19990100060T	19990105
SI0928855 T1	20040430	SI19990030495T	19990105

Priority:

DE19981000596 19980109 DE19982023722U 19980109 DE19995007240 19990105
EP19990100060 19990105

Probable Assignee: BERGER HILDEGARD

Assignee(s): (std): BERGER HILDEGARD

Assignee(s): BERGER HILDEGARD 89356 HALDENWANG DE

Inventor(s): (std): BERGER GUENTHER ; BERGER GUNTHER ; BERGER HILDEGARD ; RAABE KLAUS

Inventor(s): RAABE KLAUS 89349 BURTENBACH DE ; BERGER HILDEGARD 89356 HALDENWANG DE ; BERGER GUENTHER 89356 HALDENWANG DE

Designated states: AT CH DE ES FR GB IT LI

Title: DEVICE AND METHOD FOR STOPPING CAPILLARY RISE OF WATER AND MOISTURE

Abstract: The aim of said invention is to provide an electronic device for stopping capillary water and moisture or the like rise in walls, masonry, wherein the inventive device comprises means for generating a modulated signal feeding at least one resonator placed near at least a part of the treatable wall or masonry. The inventive method is characterised in that that the modulated signal (SM) feeding said at least one resonator (6) comprises a signal carrier whose frequency ranges from 25 to 65 KHz or from 143 to 150 KHz and which is modulated by a modulating signal (SI) whose frequency ranges from 45 to 49 Hz, each said resonator(s) (6) transmits a magnetic field according to said modulated signal (SM) and modifies the electric characteristics of water molecules in the wall or masonry parts (2') exposed to said magnetic field action and the molecules of the capillary surfaces of said part (2') contacting the water molecules.

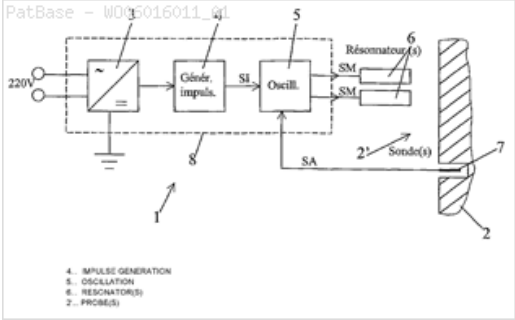
Classifications:

International (IPC 8-9): E04B1/70 (Advanced/Invention);
E04B1/70 (Core/Invention)

International (IPC 1-7): E04B1/70

CPC: E04B1/7007

European: E04B1/70B



Family:

Publication number	Publication date	Application number	Application date
AT405710 E	20080915	AT20040767633T	20040708
DE602004016055 D1	20081002	DE200460016055T	20040708
EP1774113 A1	20070418	EP20040767633	20040708
EP1774113 B1	20080820	EP20040767633	20040708
ES2310750 T3	20090116	ES20040767633T	20040708
WO06016011 A1	20060216	WO2004FR01801	20040708

Priority:

WO2004FR01801 20040708

Probable Assignee: STUMPP BERNARD

Assignee(s): (std): STUMPP BERNARD

Inventor(s): (std): STUMPP BERNARD

Agent(s): NUSS PIERRE

Designated states: BE AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: System for dehumidifying walls

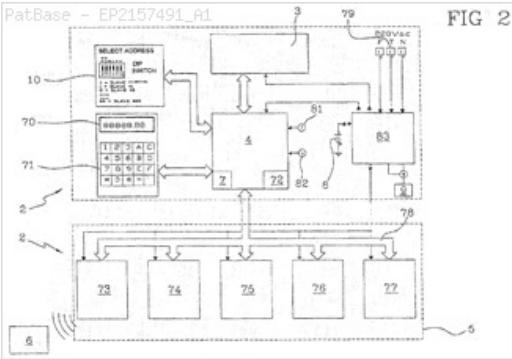
Abstract: Source: EP2157491A1 [EN] A system has been devised for monitoring and dehumidifying walls comprising at least one apparatus (2) for dehumidifying walls provided with dehumidifying means (3) that is active for promoting the dehumidification of at least a portion of wall and further provided with at least a monitoring unit (4) that is active on said wall-dehumidifying means to enable the operation thereof to be monitored. The apparatus (2) comprises a communication module (5) for receiving, from a remote unit (6), instructions on modifying the operating modes of the apparatus (2). The system also consists of a plurality of fixed humidity sensors (200) for detecting wall humidity and of at least a portable electronic apparatus (100) for detecting wall humidity.

Classifications:

International (IPC 8-9): E04B1/70 F26B25/22 G01N22/04 G01N27/22 G01S5/00 G05D22/02 (Advanced/Invention)

CPC: E04B1/7007 F26B25/22 G05D22/02

European: E04B1/70B F26B25/22 G05D22/02



Family:

Publication number	Publication date	Application number	Application date
DE602009010299 D1	20121206	DE200960010299T	20090806
DE602009024197 D1	20140626	DE200960024197T	20090806
EP2157491 A1	20100224	EP20090167412	20090806
EP2157491 B1	20121010	EP20090167412	20090806
EP2535782 A1	20121219	EP20120183815	20090806
EP2538207 A1	20121226	EP20120183814	20090806
EP2538207 B1	20140514	EP20120183814	20090806
IT1391107 B1	20111118	IT2008MI01522	20080819
ITMI20081522 A1	20100220	IT2008MI01522	20080819

Priority:

EP20090167412 20090806 EP20120183814 20090806 IT2008MI01522 20080819

Probable Assignee: LEONARDO SOLUTIONS S R L

Assignee(s): (std): LEONARDO SOLUTIONS S R L

Assignee(s): LEONARDO SOLUTIONS S.R.L.

Inventor(s): (std): CAMPO ANTONINO

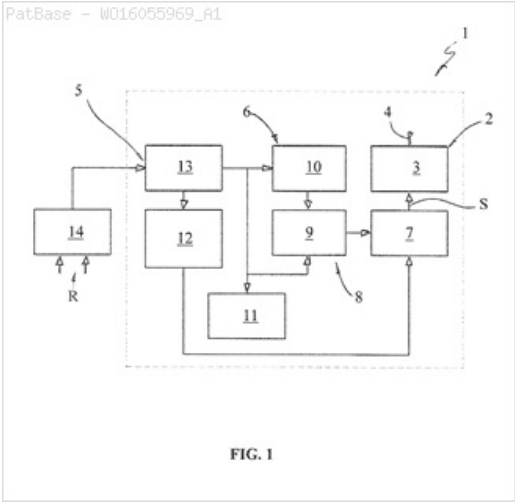
Agent(s): TER MEER STEINMEISTER AND PARTNER PATENTANWAELTE MBB; EISENFUEHR SPEISER
PATENTANWAELTE RECHTSANWAELTE PARTGMBB; PONZELLINI GIANMARCO; TANSINI ELIO FABRIZIO;
TIRLONI BARTOLOMEO; BARONI MATTEO

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL
PT RO RS SE SI SK SM TR

Title: WALL DEHUMIDIFICATION SYSTEM

Abstract: A wall dehumidification system comprises a generator (2) for a magnetic or electromagnetic field (E) to be directed toward a wall structure to be dehumidified, means (5) for voltage powering the generator (2), an electronic control unit (6) of the generator (2) having a driving circuit (7) supplied by powering means (5) and adapted to send to the generator (2) a frequency driving signal (S) for generating the field (E), impulsive adjusting means (8) adapted to control the driving circuit (7) for generating a pulse-type driving signal (S) for emitting an impulsive field (E) with variable frequency. The adjusting means (8) comprise a programmable clock generator (9) adapted to generate a sequence of a impulsive signals (S) having fixed width at different frequencies inside the range and a programmable timer (10) adapted to define the duty cycle of each impulsive signal (S).

Classifications:
International (IPC 8-9): E04B1/70 (Advanced/Invention)
CPC: E04B1/7007



Family:

Publication number	Publication date	Application number	Application date
CO20170004518 A2	20170510	CO20170004518	20170504
EP3204564 A1	20170816	EP20150800959	20151008
PE07992017 A1	20170704	PE20170000568	20151008
WO16055969 A1	20160414	WO20151B57708	20151008

Priority:

IT2014PA00016 20141008 WO20151B57708 20151008

Probable Assignee: TECNOVA GROUP S R L

Assignee(s): (std): TECNOVA GROUP S R L

Assignee(s): TECNOVA GROUP SRL

Inventor(s): (std): VARSALLONA SALVATORE

Inventor(s): SALVATORE VARSALLONA

Agent(s): MARGARITA CASTELLANOS ABONDANO; MARINO RANIERI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW