

Title (en)

Device for drying and decontaminating masonry, concrete, wood and other solids

Title (de)

Vorrichtung zur Trocknung und Dekontamination von Mauerwerk, Beton, Holz und anderen Feststoffen

Title (fr)

Dispositif de séchage et de décontamination d'une construction de mur, de béton, de bois et autres matières solides

Publication

**EP 2354349 B1 20171122 (DE)**

Application

**EP 11151913 A 20110124**

Priority

DE 202010001410 U 20100125

Abstract (en)

[origin: EP2354349A2] The device has electrodes (14, 16) provided with sides (15, 17), where one of the sides is exposed and formed at an external part of the device. The electrodes are connected with a high frequency (HF) energy supply unit (18) for supplying high frequency voltage. A controller (30) controls the HF energy supply unit for supplying the high frequency voltage, where the controller is connected with the supply unit. A temperature sensor (24) determines temperature of a solid body (12) e.g. textile, where the temperature sensor is connected with an evaluation unit (26). The device comprises a substance made of  $\gamma$ -alumina, silica-gel, activated charcoal, hydrophilic zeolite e.g. sodium zeolite, potassium zeolite and calcium zeolite, and hydrophobic zeolite such as dealuminated  $\gamma$ -zeolite with high silicon/aluminum ratio.

IPC 8 full level

**E04B 1/70** (2006.01); **F26B 3/347** (2006.01)

CPC (source: EP)

**E04B 1/7007** (2013.01); **F26B 3/347** (2013.01); **H05B 6/62** (2013.01)

Citation (examination)

EP 0928855 A1 19990714 - BERGER HILDEGARD [DE]

Cited by

EP4231780A1; DE102013223233A1; DE102013223233A8; US10544579B2; EP3426859A4; DE202022100876U1; US10486392B2; US10960643B2

Designated contracting state (EPC)

AL AT 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

DOCDB simple family (publication)

**DE 202010001410 U1 20100527**; AT 12590 U1 20120815; EP 2354349 A2 20110810; EP 2354349 A3 20121003; EP 2354349 B1 20171122; EP 3287569 A1 20180228; ES 2660171 T3 20180321; FR 2955506 A3 20110729; FR 2955506 B3 20120113

DOCDB simple family (application)

**DE 202010001410 U 20100125**; AT 382011 U 20110125; EP 11151913 A 20110124; EP 17196429 A 20110124; ES 11151913 T 20110124; FR 1150567 A 20110125