

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 γ -alumina, silica-gel, activated charcoal, hydrophilic zeolite e.g. sodium zeolite, potassium zeolite and calcium zeolite, and hydrophobic zeolite such as dealuminated γ -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

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DOCDB simple family (publication)

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