METHOD AND DEVICE FOR REMOVING AN IONIC IMPURITY FROM BUILDING STRUCTURES

The invention relates to a method for removing an ionic impurity from building structures comprising the steps of: forming at least one electrode unit (2, 3) by mixing a clay compound with an ion exchange component; placing at least one anode (4) and at least one cathode (5) at the same or separate poultices (8); providing a buffer by applying a carbonate to the poultice (8) at the anode (4) and providing a buffer by applying an acid to the poultice (8) at the cathode (4); position one or more poultices (8) at the building structure (1); and apply an electric current to the electrodes (4, 5). The invention further relates to a device for removing an ionic impurity from building structures, the device including electrode units (2, 3) consisting of at least one electrode being an anode (4) or a cathode (5) and at least one buffer component arranged in a poultice (8) including an ion exchange component.

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