

Title (en)
METHOD OF DRYING AND PROTECTING MASONRY AGAINST REOCCURRING DAMPNES

Publication
EP 0111306 B1 19860723 (DE)

Application
EP 83112312 A 19831207

Priority
PL 23942282 A 19821209

Abstract (en)
[origin: EP0111306A2] 1. Method for drying and protection of masonry from recurring dampness, in which the drying process is carried out by means of an electromotive apparatus and the seal is formed by means of a hydrophobic medium introduced into holes bored at an angle to the ground surface, characterized in that the upper row of electrodes is set into the masonry spaced from the negative electrodes by up 1 metre, and preferably in the neighbourhood of the earth surface, and in order to achieve even drying the spacing between the positive electrodes in a row is determined depending on the size of the dampened area and the electrodes are divided into groups which are supplied from separate sources, in that the holes for the hydrophobic medium are bored outside the zone of influence of the electrical field above the upper row of electrodes, and in that the hydrophobic medium is continuously introduced into these holes during the flow of current which, following the principal of continuity of current as well as capillary and gravitational transport and conveyance, penetrates into the capillaries and pores where it spreads out, where the electrokinetically downwardly-transported water is removed, so that a seal against dampness is formed.

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E04B 1/70; **E04B 1/64**

IPC 8 full level
E04B 1/64 (2006.01); **E04B 1/70** (2006.01)

CPC (source: EP)
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Cited by
ES2208009A1; EP0899389A1; FR2767849A1

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AT DE FR IT SE

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EP 0111306 A2 19840620; **EP 0111306 A3 19840725**; **EP 0111306 B1 19860723**; AT E20935 T1 19860815; DE 3364770 D1 19860828; NO 834523 L 19840612; PL 139278 B1 19870131; PL 239422 A1 19840702

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