Title (en)

Process for damp-proofing masonry

Title (de)

Verfahren zur Feuchtigkeitsabdichtung von Mauerwerk

Title (fr)

Procédé d'étanchéification contre l'humidité pour ouvrages de maçonnerie

Publication

**EP 0793758 B1 19981021 (DE)**

Application

**EP 95936959 A 19951123**

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- US 85168997 A 19970506

Abstract (en)

[origin: WO9616237A1] The invention concerns a process for damp-proofing masonry, in particular for the surface sealing of internal walls, by means of waxy substances. It is known to seal masonry by means of hydraulically setting sealing slurry, however the resultant inadequate resistance to pressure water and low durability of the sealing effect have proved disadvantageous. It is further known to introduce waxy substances into blind holes in the masonry and distribute them in the capillary system thereof by heating. However, this requires partial demolition of the masonry. According to the invention, demolition-free, ecologically harmless damp-proofing of masonry which can be performed with low expenditure and has a lasting effect is achieved in that the waxy substance and/or the masonry is/are heated to temperatures above the melting point of the waxy substance, and the waxy substance is applied superficially to a large area of the masonry and penetrates the depth of the masonry during a reaction period in which use is made of the capillary forces of the masonry. The waxy substance can be introduced into the masonry (2) by providing a channel (1) which is open towards the masonry (2) and terminates therewith at the sides and base in a fluid-tight manner, the waxy substance introduced into the channel (1) being melted on.

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**WO 9616237 A1 19960530**; AT E172510 T1 19981115; CZ 143697 A3 19971015; CZ 292440 B6 20030917; DE 59504019 D1 19981126; DK 0793758 T3 19990628; EP 0793758 A1 19970910; EP 0793758 B1 19981021; ES 2124025 T3 19990116; HU 220002 B 20011028; HU T77580 A 19980629; PL 321190 A1 19971124; RU 2135716 C1 19990827; US 5885865 A 19990323

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